

Glucose Metabolism Compound Library (96-well)

Product Details:

Catalog Number:	CS-L092
Formulation:	A collection of 901 glucose metabolism-related compounds supplied as pre-dissolved Solutions or Solid.
Container:	96- or 384-well Plate with Peelable Foil Seal; 96-well Format Sample Storage Tube With Screw Cap and Optional 2D Barcode
Storage:	In solvent: -80°C 2 years, -20°C 1 year; Powder: -20°C 3 years, 4°C 2 years
Shipping:	Blue ice
Packaging:	Inert gas

Plate layout: CS-L092-1

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Fumarate hydratase-IN-1	AZD0156	BAY-876	BAY1125976	BAY-1436032	PQR620	GLX351322	R547	PF-04991532	CP21R7	Empty
b	Empty	AM-2394	CZ415	SZL P1-41	MELK-8a (hydrochloride)	Brevianamide F	PF-04979064	FCCP	WYE-132	NSC781406	M2698	Empty
c	Empty	D- α -Hydroxyglutaric acid	MSDC 0160	Ribitol	CGS 15943	GSK2837808 A	Eganelisib	GNE-140 (racemate)	(R)-GNE-140	(S)-GNE-140	ER-000444793	Empty
d	Empty	BAY1082439	CCCP	Conduritol B epoxide	ABC1183	Diphenyleneiodonium chloride	LY294002	AS-605240	IC-87114	TG100-115	TGX-221	Empty
e	Empty	PGMI-004A	SF2523	PI-103	PI-103 (Hydrochloride)	C2 Ceramide	GDC-0326	CHPG (sodium salt)	Coenzyme Q9	GKT136901	GKT136901 (hydrochloride)	Empty
f	Empty	MELK-IN-1	Elimusertib	Elimusertib (hydrochloride)	Recilisib	LTURM34	Laduviglusib	Laduviglusib (monohydrochloride)	Laduviglusib (trihydrochloride)	Fasentin	Autophinib	Empty
g	Empty	PI3K δ -IN-1	Wortmannin	Linperlisib	Everolimus	Rapamycin	GSK-690693	AKT Kinase Inhibitor (hydrochloride)	Afatinib	Afatinib (dimaleate)	Omipalisib	Empty
h	Empty	PIK-294	MeBIO	PIT-1	RSVA405	Methylmalonic acid	AZD 6482	PI-273	AKT inhibitor VIII	MK-2206 (dihydrochloride)	PKM2-IN-1	Empty

Plate layout: CS-L092-2

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	K00546	BI-6C9	PF-06409577	PP121	IDH-305	Gcase activator 1	Vorasidenib	LM22B-10	AZD-8055	OSI-027	Empty
b	Empty	A-443654	Torkinib	AR-A014418	BX795	Fidarestat	OSU-03012	GSK 3 Inhibitor IX	TWS119	RO-28-1675	MMV390048	Empty
c	Empty	Lidorestat	Ponalrestat	Gedatolisib	PKI-402	Fosfructose (trisodium)	PF-AKT400	FT-1518	MTX-211	PQR530	Oxythiamine	Empty
d	Empty	Oxythiamine (chloride hydrochloride)	A 1070722	N-Nonyldeoxyngojirimycin	Guggulsterone	CHIR 98024	D-Melibiose	Xylan	MK-3903	ME1111	Azemigliatazone	Empty
e	Empty	GNE-493	GNE-490	TCS 21311	T-00127_HEV1	Nerigliatin	Alsterpaullone	PI-828	Lavendustin B	Dorzagliatin	Parsaclisib (hydrochloride)	Empty
f	Empty	AZD1390	CORM-401	CP-466722	BX-912	KU-57788	(Z)-Guggulsterone	ETP-45658	TDZD-8	ML202	iMDK	Empty
g	Empty	iMDK (quarterhydrate)	Dehydroascorbic acid	S3QEL-2	BAM 15	GNE-477	PKI-179	PKI-179 (hydrochloride)	Pilaralisib analogue	BIP-135	PIK-108	Empty
h	Empty	MK8722	LX2343	VAS 3947	Tuvusertib	Mitochondrial fusion promoter M1	PI3K/mTOR Inhibitor-2	IPI-3063	Mitochondric acid 5	AZ2	Gboxin	Empty

Plate layout: CS-L092-3

1	2	3	4	5	6	7	8	9	10	11	12
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a	Empty	AZD-7648	5-Iodo-indirubin-3'-monoxime	IACS-010759	IACS-010759 (hydrochloride)	BAY-3827	Chitosan oligosaccharide	O-304	IDH889	AZ32	UCT943	Empty
b	Empty	AZD3458	Acetoacetic acid (lithium)	CHMFL-PI3KD-317	UCB9608	EX229	Asp-AMS	Mito-TEMPO	IITZ-01	mTOR inhibitor-1	CMP-Sialic acid (sodium salt)	Empty
c	Empty	Hydroxypyruvic acid	α -Hydroxyglutaric acid	sn-Glycerol 3-phosphate	Galactose 1-phosphate Potassium	N-Oleoyl glycine	Citraconic acid	Stachyose (tetrahydrate)	Acetyl Coenzyme A (trisodium)	9-ING-41	NCGC00092410	Empty
d	Empty	Olutasidenib	MARK4 inhibitor 1	NV-5138 (hydrochloride)	CCI-006	HDACs/mTOR Inhibitor 1	P1106-IN-1	PDK1-IN-RS2	M77976	Chromeceptin	EB-3D	Empty
e	Empty	Zenarestat	BRD5648	PF-06685249	Mirin	IHVR-11029	BRD0209	ML198	AS-041164	Vacuolin-1	CMX-2043	Empty
f	Empty	Fluopyram	Phox-I2	MOMIPP	Hematein	Boscalid	NCGC 607	SB 216763	Ganoderic acid DM	KU-55933	YH-306	Empty
g	Empty	PIK-90	RYL-552	WYE-354	GSK1059615	Rigosertib (sodium)	TASP0415914	PIK-93	AT7867	AT7867 (dihydrochloride)	KU-60019	Empty
h	Empty	PHT-427	PI3K-IN-1	APX-115	APX-115 (free base)	MRT199665	7BIO	Fluorofenidone	L-Ribulose	(?)-Myrtenal	CAY10404	Empty

Plate layout: CS-L092-4

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	PS210	PS10	Pongamol	JR-AB2-011	PF-04802367	PI-3065	Umbralisib	Umbralisib (hydrochloride)	bpV(phen) (trihydrate)	Serabelisib	Empty
b	Empty	IM-12	Batatasin III	Setanaxib	Kenpaullone	AZD8186	HTH-01-015	ON 146040	ETP-46321	Bempeidoic acid	4-Methylumbelliferyl β -D-	Empty
c	Empty	CTPI-2	JNJ-47117096 hydrochloride	MPT0E028	NHI-2	Naphthofluorescein	(R)-BRD3731	BRD3731	IHVR-19029	hSMG-1 inhibitor 11j	Mutant IDH1-IN-1	Empty
d	Empty	hSMG-1 inhibitor 11e	Rheb inhibitor NR1	SAR405	COH-SR4	VER-246608	GSK-A1	Samotolisib	Bikinin	IM176OUT05	Kresoxim-methyl	Empty
e	Empty	GSK-3 β inhibitor 1	(E/Z)-GSK-3 β inhibitor 1	Fluoflavine	MitoTam (bromide, hydrobromide)	MitoTam (iodide, hydriodide)	Narazaciclib	Urolithin B	ML266	Acalisib	Succinyl phosphonate (trisodium)	Empty
f	Empty	Mitapivat	GNE-317	Vps34-PIK-III	Vps34-IN-1	VAS2870	ML171	Ampkinone	PI3K/mTOR Inhibitor-4	D-Glucose 6-phosphate (disodium)	L-Gulose	Empty
g	Empty	alpha-D-glucose	KPLH1130	Bimiralisib	PGAM1-IN-1	PGAM1-IN-2	AZD-8835	D-Allose	D-Lyxose	N-Acetyl-D-mannosamine	VP3.15 (dihydrobromide)	Empty
h	Empty	(S,R)-GSK321	KL1333	SKI V	KDU691	AMG319	GNF4877	DS-1001b	AT-007	Ferulenoil	Torin 2	Empty

Plate layout: CS-L092-5

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Torin 1	Fagomine	HQNO	Idelalisib	Isobavachalcolone	Cenisertib	VO-Ohpic (trihydrate)	CHIR-98014	N,N'-Diacetylchitobiose	GSK-3 β inhibitor 2	Empty
b	Empty	AMPK activator 4	mTOR inhibitor-8	PI3K α -IN-4	(S)-PI3K α -IN-4	KY19382	Mitochondrial respiration-IN-1	POMHEX	Hex	IHMT-PI3K δ -372	PKD-IN-1 (dihydrochloride)	Empty
c	Empty	PF-06843195	FD223	YM-201636	Apatolisib	A-674563	A-674563 (hydrochloride)	CCT128930	CCT128930 (hydrochloride)	A66	PIK-75 (hydrochloride)	Empty
d	Empty	AR453588	Sapanisertib	NVP-BAG956	BGT226 (maleate)	BGT226	NVS-PI3-4	CBR-470-2	AICAR (phosphate)	Dorsomorphin (dihydrochloride)	Dorsomorphin	Empty
e	Empty	Deguelin	KU-0060648	AMG 511	IMT1	C24:1-Ceramide	GSK-3/CDK5/CDK2-IN-1	BC1618	Mito-LND	(32-Carbonyl)-RMC-5552	PIK-293	Empty
f	Empty	TG 100713	Fimepinostat	NL-1	Globalaglatin	CAY10505	AS-604850	AS-252424	Fluxapyroxad	PDHODH-IN-1	hDHODH-IN-1	Empty
g	Empty	TD52	TD52 (dihydrochloride)	Roginolisib	Roginolisib (hemifumarate)	Mito-apocynin (C2)	Mito-apocynin (C11)	PDK4-IN-1 (hydrochloride)	Lixumistat (acetate)	SRX3207	Gartisertib	Empty
h	Empty	Exisulind	ASP4132	PQR626	Miltefosine	MKC-1	TML-6	Quinagolide (hydrochloride)	Vevorisertib (trihydrochloride)	SAR502250	XL388	Empty

Plate layout: CS-L092-6

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	NU6027	BX517	PS47	GW604714X	(R)-PS210	AZD1080	MCU-44	PF-4989216	Bisindolylmal eimide I	Bisindolylmal eimide I (hydrochlorid)	Empty
b	Empty	Taselisib	SW157765	Indirubin-3'- oxime	T0467	LDHA-IN-3	Cu(II)GTSM	2-Deoxy-D- glucose 6- phosphate	Gilmelisib	(Rac)- Etavopivat	Camonsertib	Empty
c	Empty	Mutant IDH1 inhibitor	SDH-IN-1	D-(-)-3- Phosphoglyc eric acid	GSK-3β inhibitor 3	IMM-H007	MHY-1685	PI3K-IN-31	PI3K-IN-30	ULK1-IN-2	SKLB-197	Empty
d	Empty	Glucokinase activator 3	BMS-820132	DX3-213B	MP7	PI3K/AKT-IN- 1	PI3Kδ/γ-IN-1	KL-11743	DIF-3	BAY-179	Palomid 529	Empty
e	Empty	CC214-2	DRB18	L-Glutamic acid	L-Glutamic acid (monosodium)	[6]-Gingerol	Mtb ATP synthase-IN-1	Apilimod	Apilimod (mesylate)	PI3K/Akt/mT OR-IN-2	GSK3β inhibitor II	Empty
f	Empty	GLUT4-IN-2	Mitochondria degrader-1	AXKO-0046	AXKO-0046 (dihydrochlori de)	Cadiseglatin	VE-821	LDCA	PKM2 activator 2	Imeglimin (hydrochlorid e)	Olesoxime	Empty
g	Empty	GSK-3β inhibitor 11	Aldometanib	GLUT1-IN-2	HKB99	1- Deoxynojirimy cin	1- Deoxynojirimy cin	Tideglusib	AT-533	SLC26A3-IN- 2	(E)-Akt inhibitor-IV	Empty
h	Empty	GSK2334470	PI3K-IN-36	BI-1622	MF18	IDH1 Inhibitor 7	Lartesertib	PI3Kα-IN-9	ALR2-IN-1	SY-LB-35	ATP synthase inhibitor 2	Empty

Plate layout: CS-L092-7

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	AMPK-IN-3	Doxorubicin (hydrochlorid e)	PIKfyve-IN-1	ALM301	PI3K/Akt/CRE B activator 1	PI3K/mTOR Inhibitor-11	Dactolisib (Tosylate)	PF-04691502	Buparlisib (Hydrochlorid e)	Ipatasertib	Empty
b	Empty	Ipatasertib (dihydrochlori de)	NADPH oxidase-IN-1	Glibenclamid e	α- Glucosidase- IN-22	AKR1C3-IN-9	Alpelisib	GSK2636771	Vistusertib	GDC-0349	WYE-687	Empty
c	Empty	WAY-600	CZC24832	Bach1-IN-1	GSK3-IN-3	Transketolase -IN-4	PI3K/mTOR Inhibitor-13 (sodium)	Ranirestat	Copanlisib (dihydrochlori de)	BIO- acetoxime	MMV009085	Empty
d	Empty	BCPA	FPA-124	Z16078526	SRX3177	PI3Kα-IN-11	Capivasertib	SB 415286	Devimistat	Triciribine	Izorlisib	Empty
e	Empty	UK-5099	YS-49	Gcase activator 2	PROTAC HK2 Degradier-1	RGB-286638	RGB-286638 (free base)	OTSSP167	OTSSP167 (hydrochlorid e)	CGK733	ETP-46464	Empty
f	Empty	AZ20	GKA50	KP372-1	AZD1656	PI4KIII beta inhibitor 3	NU 7026	Afuresertib	Afuresertib (hydrochlorid e)	AGI-6780	AZD2858	Empty
g	Empty	WZ4003	SAR-260301	YLF-466D	SF1670	Flupentixol (dihydrochlori de)	AP-III-a4	AP-III-a4 (hydrochlorid e)	HS-173	BTB06584	Voxtalisisb	Empty
h	Empty	Uprosertib	GSK2110183 analog 1 (hydrochlorid e)	APY0201	CTX-0294885	CTX-0294885 (hydrochlorid e)	AT13148	AZD7545	CAL-130 (Hydrochlorid e)	FX-11	Imirestat	Empty

Plate layout: CS-L092-8

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	LY2090314	N3PT	NVP-QAV- 572	Phenformin (hydrochlorid e)	Risarestat	Tolrestat	Pilaralisib	VS-5584	Oligomycin A	CNX-1351	Empty
b	Empty	3CAI	ZLN024 (hydrochlorid e)	Seletalisib	EPI-743	Onatasertib	CC-115	CC-115 (hydrochlorid e)	Duvelisib	Duvelisib (R enantiomer)	Metformin (hydrochlorid e)	Empty
c	Empty	ZLN005	Leniolisib	Leniolisib (phosphate)	Tenalisib	AGI-5198	Quercetin	PRE-084 (hydrochlorid e)	AKT-IN-1	mTOR inhibitor-3	TMPA	Empty
d	Empty	KU 59403	TEPP-46	AS1949490	Enasidenib	Enasidenib (mesylate)	Azoramide	Mutant IDH1- IN-2	Yoda 1	STF-31	Lipoic acid	Empty
e	Empty	BQR-695	Ivosidenib	(R,S)- Ivosidenib	GSK321	GSK2795039	Caficrestat	LDHA-IN-4	Adjudin	Ceralasertib	(S)- Ceralasertib	Empty
f	Empty	DASA-58	WZB117	Compound 401	Nemiralisib	GSK864	JX06	Zopolrestat	Miransertib	BEBT-908	PI4KIIIbeta- IN-9	Empty
g	Empty	Indirubin-3'- monoxime	NSC45586 (sodium)	SC66	MK-0941	Pifusertib (hydrochlorid e)	YU238259	AKT-IN-6	3- Bromopyruvic acid	Pictilisib (dimethanesul fonate)	D-(+)-Malic acid	Empty
h	Empty	Indazole	D-Glucuronic acid lactone	Pictilisib	Sorbinil	A-769662	KU-0063794	ZSTK474	Akt1/Akt2-IN- 1	Perifosine	Temsirolimus	Empty

Plate layout: CS-L092-9

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	1-Azakenpaullo ne	Epalrestat	Buparisib	Thyminose	N-Acetyl-D- glucosamine	Etilefrine (hydrochlorid e)	Voglibose	Acarbose	Artemisinin	Ketotifen (fumarate)	Empty
b	Empty	L-Ascorbic acid	L-Ascorbic acid (sodium salt)	(Rac)- Nebivolol	Thiabenzadol e	Cromolyn (sodium)	Ciprofloxac in	Ciprofloxac in (hydrochlorid e)	D-Sorbitol	Lonidamine	Octopamine (hydrochlorid e)	Empty
c	Empty	Metformin	SU6656	MHY1485	Oxaproz in	Buprofezin	Danthron	Hexylresorc in	Deferoxamin e (mesylate)	Ambroxol	Ambroxol (hydrochlorid e)	Empty
d	Empty	Glucosamine	Alrestatin	Flufenamic acid	Lithium citrate (tetrahydrate)	Perhexiline (maleate)	i-Inositol	Citric acid (triammonium)	Sodium citrate (dihydrate)	Phenoxyetha nol	Rotenone	Empty
e	Empty	D- Galacturonic acid (hydrate)	Thifluzamide	Buformin (hydrochlorid e)	Lactose	Citric acid (trisodium)	Lactate	Gallein	7ACC2	Tartaric acid (disodium dihydrate)	NADH (disodium salt)	Empty
f	Empty	D-(+)- Glucono-1,5- lactone	N- Acetylneuram inic acid	Honokiol	Oridonin	Daidzin	Poiuoside	Polyphyllin I	3,4- Dicaffeoylquin ic acid	4,5- Dicaffeoylquin ic acid	D-arabinose	Empty
g	Empty	γ- Aminobutyric acid	Apocynin	Isoliquiritigen in	Sophocarpine	Sophocarpine (monohydrate)	Cyclovirobuxi ne D	Salidroside	Dihyromyric etin	Phloretin	Quercetin (dihydrate)	Empty
h	Empty	Salicin	Arbutin	Avicularin	β-Alanine	Aurantio- obtusin	Daphnetin	Esculetin	Idebenone	Soyasaponin Ba	Soyasaponin Bb	Empty

Plate layout: CS-L092-10

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Dihydrocapsa icin	Pachymic acid	Licochalcone C	D-Mannitol	D-Mannose	Gomisin J	L-Glutamine	Polygalasapo nin F	Succinic acid	Rebaudioside A	Empty
b	Empty	L-Tyrosine	Licarin B	L-Leucine	Glucosamine (sulfate)	α-Lipoic Acid	Xylose	Xylitol	Calceolariosid e B	Demethylene berberine (chloride)	L-Serine	Empty
c	Empty	(+)-Usnic acid	Schaftoside	α-Linolenic acid	Glucosamine (hydrochlorid e)	Scutellarin	Rhoifolin	Isorhamnetin	Ginkgolide C	Phytic acid (dodecasodi um hydrate)	Shikonin	Empty
d	Empty	L-Histidine	Mannitriose	Galegine (hydrochlorid e)	D-(+)- Trehalose	D-(+)- Trehalose dihydrate	Platycodin D	1,3- Dicaffeoylquin ic acid	Vaccarin	Rhamnose	Rhamnose (monohydrate)	Empty
e	Empty	Citric acid	Citric acid (monohydrate)	Oroxin B	Afzelin	Heterophyllin B	(-)-Fucose	Loureirin A	4',5- Dihydroxyflav one	Castanosper mine	Maltose	Empty
f	Empty	Maltose monohydrate	Oroxin A	Musk ketone	Phellopterin	Glaucocalyxin A	Ginkgolic acid C17:1	Isoginkgetin	3- Dehydrotram etenolic acid	Rotundic acid	Ganoderol B	Empty
g	Empty	N- ?Feruloylcto pamine	Crebanine	Kushenol A	Deltonin	Arabinose	Amarogentin	Glomeratose A	Ginsenoside Rk1	Dihydroevoca rpine	Karanjin	Empty
h	Empty	Euscaphic acid	Gitogenin	Zinc Phytate	Isomaltose	D-chiro- Inositol	p- Hydroxyphen ethyl trans-	Mulberrofuran G	Kaempferol- 7-O- rhamnoside	Paris saponin VII	D-Arabitol	Empty

Plate layout: CS-L092-11

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Glycyrrhisofla vone	Quercetin 3- gentiobioside	Brevifolincarbo xylic acid	Agaric acid	Glycycoumari n	Syrosingopin e	Dihydrorotene ne	Panasenosid e	Nepodin	25(R,S)- Ruscogenin	Empty
b	Empty	Kahweol	D-Glucuronic acid	7- Methoxyisofla vone	Sonolisib	Arnicolide D	Sennidin B	Prosapogenin A	Hederacochi side A1	Garcinone C	Uridine 5'- diphosphoglu cose	Empty
c	Empty	Nerol	Inulin	Raffinose	D-Fructose	6- Hydroxyflavo ne	Chlorampheni col succinate (sodium)	N-Caffeoyl O- methyltyramin e	Butyl isobutyl phthalate	Isomalt	4,6-O- Ethylidene-α- D-glucose	Empty
d	Empty	Marein	24- Methylenecyc loartanyl	Malabaricone B	Disiteride (diammonium)	SAMS	740 Y-P	Chemerin-9 (149-157) (TFA)	Ac-SVVVRT- NH2	H-Ile-Lys-Val- Ala-Val-OH	BF738735	Empty
e	Empty	3BDO	ADDA 5 hydrochloride	K-80003	Tempo	7-Methoxy-1- tetralone	3-Butynoic acid	Leelamine	2- Oxobutanoic acid	MPP+ (iodide)	Phosphoenol pyruvic acid (potassium)	Empty
f	Empty	SEW?2871	Hydroxycitric acid (tripotassium)	D-Ribose 5- phosphate (disodium)	D-Ribose 5- phosphate (disodium)	Cedryl acetate	Scyllo-Inositol	6- Aminonicotina mide	Oxaloacetic acid	Phosphoenol pyruvic acid (tricyclohexyl)	D-Histidine	Empty
g	Empty	3- Nitropropanoi c acid	Oxamic acid (sodium)	2-Ketoglutaric acid (Sodium)	Mucic acid	L-2- Hydroxyglutar ic acid	Disodium succinate	(R)-3- Hydroxybutan oic acid	Fumaric acid	Sodium 2- oxopropanoat e	(2R,3R)- Butane-2,3- diol	Empty

<i>h</i>	Empty	Glycolic acid	Coenzyme Q0	L-Gulono-1,4-lactone	trans-Aconitic acid	(Z)-Aconitic acid	Methyl cinnamate	D-Ribose(mixture of isomers)	Tricarballic acid	Nifurtimox	Galloflavin	Empty
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Plate layout: CS-L092-12

	1	2	3	4	5	6	7	8	9	10	11	12
<i>a</i>	Empty	L-Arabinitol	(3S,4R,5S)-1,3,4,5,6-Pentahydroxy	Boc-L-cyclobutylglycine	(R)-3-Hydroxybutanoic acid	MT 63-78	G6PDi-1	Alginate acid	Menadiol	Oxalic acid, 99%	L-Tartaric acid	Empty
<i>b</i>	Empty	Acetic acid (magnesium tetrahydrate)	Maleic Acid	Dulcitol	L-Lactic acid	Itaconic acid	Potassium Gluconate	Pyruvic acid	Glycine	(S)-Malic acid	Hydroxyacetone	Empty
<i>c</i>	Empty	Dimethyl malonate	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>d</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>e</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>f</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>g</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>h</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty