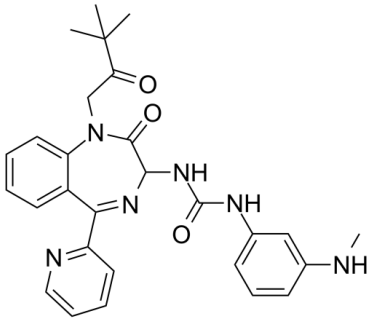
Data Sheet

Product Name:	CCK-B Receptor Antagonist 1
Cat. No.:	CS-7412
CAS No.:	168161-71-5
Molecular Formula:	$C_{28}H_{30}N_6O_3$
Molecular Weight:	498.58
Target:	Cholecystokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : 125 mg/mL (250.71 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

CCK-B Receptor Antagonist 1 is an antagonist of cholecystokinin B **(CCK-B) receptor**, and has the potential of reducing the secretion of gastric acid. IC50 & Target: CCK-B receptor[1] **In Vitro:** CCK-B Receptor Antagonist 1 is an antagonist of CCK-B receptor, and has the potential of reducing the secretion of gastric acid[1].

References:

[1]. Hamish Ryder, et al. Benzodiazepin derivatives useful as cck-receptor antagonists. WO 1993016999 A1.

CAIndexNames:

Urea, N-[1-(3,3-dimethyl-2-oxobutyl)-2,3-dihydro-2-oxo-5-(2-pyridinyl)-1H-1,4-benzodiazepin-3-yl]-N'-[3-(methylamino)phenyl]-

SMILES:

O=C(NC1=CC=CC(NC)=C1)NC2C(N(CC(C(C)(C)C)=O)C3=CC=CC=C3C(C4=NC=CC=C4)=N2)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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