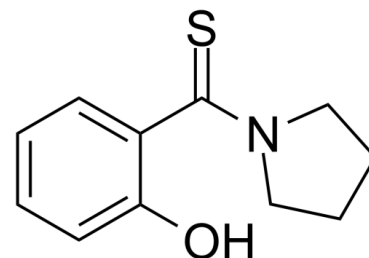


Data Sheet

Product Name:	K-Ras-IN-1
Cat. No.:	CS-4934
CAS No.:	84783-01-7
Molecular Formula:	C ₁₁ H ₁₃ NOS
Molecular Weight:	207.29
Target:	Ras
Pathway:	GPCR/G Protein
Solubility:	DMSO : 100 mg/mL (482.42 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

K-Ras-IN-1 is a **K-Ras** inhibitor. K-Ras-IN-1 binds to K-Ras (WT), K-Ras (G12D), K-Ras (G12V), and H-Ras. K-Ras-IN-1 has potential for the research of pancreatic, colon and lung carcinomas^{[1][2]}. IC50 & Target: K-Ras^[1]

References:

[1]. Hocker HJ, et al. LIBSA--a method for the determination of ligand-binding preference to allosteric sites on receptor ensembles. J Chem Inf Model. 2014 Feb 24;54(2):530-538.

[2]. Sun Q, et al. Discovery of small molecules that bind to K-Ras and inhibit Sos-mediated activation. Angew Chem Int Ed Engl. 2012 Jun 18;51(25):6140-6143

CAIndexNames:

Methanethione, (2-hydroxyphenyl)-1-pyrrolidinyl-

SMILES:

S=C(C1=CC=CC=C1O)N2CCCC2

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA