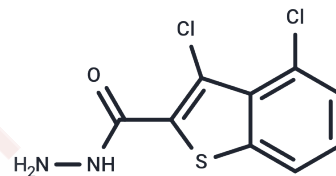


OGG1-IN-08

Chemical Properties

CAS No. :	350997-39-6
Formula:	C ₉ H ₆ Cl ₂ N ₂ O ₂ S
Molecular Weight:	261.13
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	OGG1-IN-08 (OGG1-IN-08) is an inhibitor of 8-oxoguanine DNA glycosylase 1 (OGG1); IC ₅₀ : 0.35 μM)
Targets(IC ₅₀)	Others
In vitro	OGG1-IN-08 is selective for OGG1 over Nei-like DNA glycosylase 1 (NEIL1), endonuclease III homolog 1 (NTH1), and formamidopyrimidine DNA glycosylase (Fpg) at 50 μM.

Solubility Information

Solubility	DMSO: 27.5 mg/mL (105.31 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8295 mL	19.1476 mL	38.2951 mL
5 mM	0.7659 mL	3.8295 mL	7.659 mL
10 mM	0.383 mL	1.9148 mL	3.8295 mL
50 mM	0.0766 mL	0.383 mL	0.7659 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Lloyd, R.S., Mccullough, A.K., and Donley, N. Small molecule inhibitors of 8-oxoguanine DNA glycosylase-1 (OGG1). (2016).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481