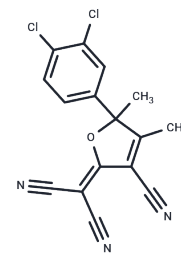


YE 120

Chemical Properties

CAS No. :	383124-82-1
Formula:	C ₁₆ H ₉ Cl ₂ N ₃ O
Molecular Weight:	330.17
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	YE 120 is a highly potent GPR35 agonist (EC ₅₀ : 32.5 nM) with potential anti-inflammatory and anti-cancer activities, which can be used to study G protein-coupled receptor-related diseases.
Targets(IC ₅₀)	GPCR

Solubility Information

Solubility	DMSO: <33.02 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	-------------------------------------------------------------------------------------------------------------------

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0287 mL	15.1437 mL	30.2874 mL
5 mM	0.6057 mL	3.0287 mL	6.0575 mL
10 mM	0.3029 mL	1.5144 mL	3.0287 mL
50 mM	0.0606 mL	0.3029 mL	0.6057 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

Deng H, et al. Discovery of 2-(4-methylfuran-2(5H)-ylidene)malononitrile and thieno[3,2-b]thiophene-2-carboxylic acid derivatives as G protein-coupled receptor 35 (GPR35) agonists. J Med Chem. 2011 Oct 27;54(20):7385-96.

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