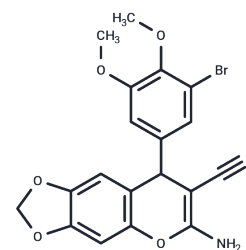


Wnt pathway inhibitor 4

Chemical Properties

CAS No. :	663214-57-1
Formula:	C ₁₉ H ₁₅ BrN ₂ O ₅
Molecular Weight:	431.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Wnt pathway inhibitor 4 is a small molecule antimicrobial agent with antibacterial and antiproliferative activity against cancer cells.
Targets(IC50)	Antibacterial
In vitro	Wnt pathway inhibitor 4 (Compound 16D) (72 h) inhibits the proliferation of A375 cells (IC ₅₀ : 23.3 nM).[1]

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3189 mL	11.5945 mL	23.1889 mL
5 mM	0.4638 mL	2.3189 mL	4.6378 mL
10 mM	0.2319 mL	1.1594 mL	2.3189 mL
50 mM	0.0464 mL	0.2319 mL	0.4638 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.

Reference

Zhang H, et al. Design, synthesis and characterization of potent microtubule inhibitors with dual anti-proliferative and anti-angiogenic activities. Eur J Med Chem. 2018 Sep 5;157:380-396.

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:36 Washington Street,Wellesley Hills,MA 02481