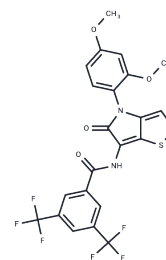


JS-38

Chemical Properties

CAS No. : 608131-69-7
 Formula: C₂₂H₁₄F₆N₂O₄S₂
 Molecular Weight: 548.48
 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	JS-38 is a synthetic version of a metabolite isolated from Xenorhabdus sp.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8232 mL	9.1161 mL	18.2322 mL
5 mM	0.3646 mL	1.8232 mL	3.6464 mL
10 mM	0.1823 mL	0.9116 mL	1.8232 mL
50 mM	0.0365 mL	0.1823 mL	0.3646 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

Liu MY, Xiao L, Chen GH, Wang YX, Xiong WX, Li F, Liu Y, Huang XL, Deng YF, Zhang Z, Sun HY, Liu QH, Yin M. Oral JS-38, a metabolite from Xenorhabdus sp., has both anti-tumor activity and the ability to elevate peripheral neutrophils. Chin J Nat Med. 2014 Oct;12(10):768-76. doi: 10.1016/S1875-5364(14)60117-5. Epub 2014 Oct 31. PubMed PMID: 25443370.

Zhang H, Liu Q, Fan T, Fang Y, Li Y, Wang G. Metabolism and disposition of a novel antineoplastic JS-38 (Benzamide, N-[4-(2,4-dimethoxyphenyl)-4,5-dihydro-5-oxo-1,2-dithiolo[4,3-b]pyrrol-6-yl]-3,5-bis(trifluoromethyl)-(9Cl)) in rats. Eur J Drug Metab Pharmacokinet. 2012 Mar;37(1):45-56. doi: 10.1007/s13318-011-0055-8. Epub 2011 Jul 30. PubMed PMID: 21805208.

Ng HZ, Fang Y, Li Y, Fan TT, Qin Y, Liu QH. The pharmacokinetics of JS-38, a novel antineoplastic drug, in rats. Eur J Drug Metab Pharmacokinet. 2008 Jul-Sep;33(3):143-8. PubMed PMID: 19007039.

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