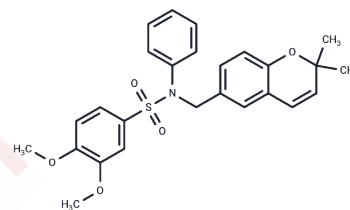


KCN1

Chemical Properties

CAS No. : 927823-01-6
 Formula: C₂₆H₂₇NO₅
 Molecular Weight: 465.56
 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	KCN1, a novel synthetic sulfonamide, is a HIF pathway inhibitor with potential anticancer activity in vitro and in vivo anti-pancreatic cancer activities and preclinical pharmacology. KCN1 specifically inhibited HIF reporter gene activity in several glioma cell lines at the nanomolar level. KCN1 also downregulated transcription of endogenous HIF-1 target genes, such as VEGF, Glut-1, and carbonic anhydrase 9, in a hypoxia-responsive element (HRE)-dependent manner. KCN1 potently inhibited the growth of subcutaneous malignant glioma tumor xenografts with minimal adverse effects on the host.
Targets(IC50)	Others,HIF/HIF Prolyl-Hydroxylase,Histone Acetyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.148 mL	10.7398 mL	21.4795 mL
5 mM	0.4296 mL	2.148 mL	4.2959 mL
10 mM	0.2148 mL	1.074 mL	2.148 mL
50 mM	0.043 mL	0.2148 mL	0.4296 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.

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