Data Sheet (Cat.No.T23472)

TargetMol

Tranilast Sodium

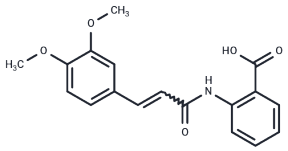
Chemical Properties

CAS No. : 104931-56-8

Formula: C18H17NNaO5

Molecular Weight: 350.32

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	Tranilast Sodium has been used for the treatment of bronchial asthma. Tranilast is also used to autoimmune diseases, atopic and fibrotic pat.
Targets(IC50)	RAAS,Others,Prostaglandin Receptor

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8545 mL	14.2727 mL	28.5453 mL
5 mM	0.5709 mL	2.8545 mL	5.7091 mL
10 mM	0.2855 mL	1.4273 mL	2.8545 mL
50 mM	0.0571 mL	0.2855 mL	0.5709 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

Ayabe T1, Wulff H, Darmoul D, etal. , Modulation of mouse Paneth cell alpha-defensin secretion by mIKCa1, a Ca2+-activated, intermediate conductance potassium channel. J Biol Chem. 2002 Feb 1;277(5):3793-800.

Hinton JM, Langton PD. Inhibition of EDHF by two new combinations of K+-channel inhibitors in rat isolated mesenteric arteries. Br J Pharmacol. 2003 Mar; 138(6):1031-5.

Burnham MP, Johnson IT, Weston AH. Impaired small-conductance Ca2+-activated K+ channel-dependent EDHF responses in Type II diabetic ZDF rats. Br J Pharmacol. 2006 Jun;148(4):434-41.

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