

Carbonic anhydrase inhibitor 15

Chemical Properties

CAS No. :

Formula: C₂₇H₃₃N₅O₂S₂

Molecular Weight: 523.71

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	Carbonic Anhydrase Inhibitor 15 (Compound 8), with an inhibitory constant (K _i) of 8.5 nM for hCA II, exhibits analgesic effects [1].
Targets(IC50)	Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9095 mL	9.5473 mL	19.0945 mL
5 mM	0.3819 mL	1.9095 mL	3.8189 mL
10 mM	0.1909 mL	0.9547 mL	1.9095 mL
50 mM	0.0382 mL	0.1909 mL	0.3819 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

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