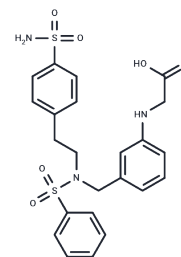


## Carbonic anhydrase inhibitor 19

## Chemical Properties

CAS No. :	3033374-40-9
Formula:	C <sub>23</sub> H <sub>25</sub> N <sub>3</sub> O <sub>6</sub> S <sub>2</sub>
Molecular Weight:	503.59
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 19 (compound 26a) targets glaucoma-associated isozymes hCA II and hCA XII, with inhibition constants (K <sub>i</sub> s) of 9.4 nM and 6.7 nM, respectively. This compound is effective in reducing intraocular pressure.
Targets(IC <sub>50</sub> )	Carbonic Anhydrase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9857 mL	9.9287 mL	19.8574 mL
5 mM	0.3971 mL	1.9857 mL	3.9715 mL
10 mM	0.1986 mL	0.9929 mL	1.9857 mL
50 mM	0.0397 mL	0.1986 mL	0.3971 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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