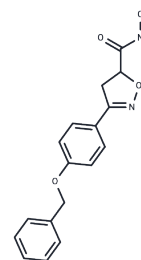


CA-IN-5g

## Chemical Properties

CAS No. : 167098-81-9  
 Formula: C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 312.32  
 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	CA-IN-5g is an effective carbonic anhydrase (CA) inhibitor. Carbonic anhydrase is isolated from Trypanosoma cruzi (TcCA).
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2018 mL	16.0092 mL	32.0184 mL
5 mM	0.6404 mL	3.2018 mL	6.4037 mL
10 mM	0.3202 mL	1.6009 mL	3.2018 mL
50 mM	0.064 mL	0.3202 mL	0.6404 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

Guo J, Parise RA, Joseph E, Egorin MJ, Lazo JS, Prochownik EV, Eiseman JL. Efficacy, pharmacokinetics, tissue distribution, and metabolism of the Myc-Max disruptor, 10058-F4 [Z,E]-5-[4-ethylbenzylidene]-2-thioxothiazolidin-4-one, in mice. Cancer Chemother Pharmacol. 2009 Mar;63(4):615-25. doi: 10.1007/s00280-008-0774-y. Epub 2008 May 29. PubMed PMID: 18509642; PubMed Central PMCID: PMC2752825.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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