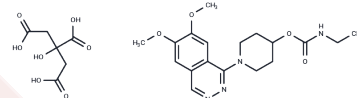


Carbazeran citrate

Chemical Properties

CAS No. : 153473-94-0
 Formula: C₂₄H₃₂N₄O₁₁
 Molecular Weight: 552.53
 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	aldehyde oxidase (AO) substrate
Targets(IC50)	Others,PDE

Solubility Information

Solubility	DMSO: <55.25 mg/mL,Sonication is recommended. H2O: <27.63 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8099 mL	9.0493 mL	18.0986 mL
5 mM	0.362 mL	1.8099 mL	3.6197 mL
10 mM	0.181 mL	0.9049 mL	1.8099 mL
50 mM	0.0362 mL	0.181 mL	0.362 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

FitzGerald RJ, Meisel H. Milk protein-derived peptide inhibitors of angiotensin-I-converting enzyme. Br J Nutr. 2000 Nov;84

Bravo EL, Tarazi RC. Converting enzyme inhibition with an orally active compound in hypertensive man. Hypertension. 1979 Jan-Feb;1(1):39-46.

Attoub S, Gaben AM, Al-Salam S, Al Sultan MA, John A, Nicholls MG, Mester J, Petroianu G. Captopril as a potential inhibitor of lung tumor growth and metastasis. Ann N Y Acad Sci. 2008 Sep;1138:65-72.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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