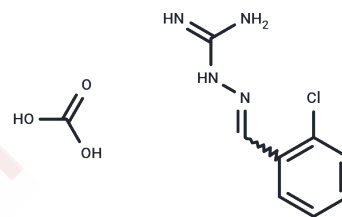


Icerguastat Carbonate

Chemical Properties

CAS No. :	1883549-35-6
Formula:	C ₉ H ₁₁ ClN ₄ O ₃
Molecular Weight:	258.66
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	Icerguastat (Sephin1) Carbonate, a Guanabenz derivative lacking α 2-adrenergic activity, is a selective inhibitor of the phosphatase regulatory subunit PPP1R15A (R15A). It inhibits the dephosphorylation of eIF2 α , thereby prolonging the protective response. Additionally, Icerguastat Carbonate exhibits antiprion activity.
Targets(IC50)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8661 mL	19.3304 mL	38.6608 mL
5 mM	0.7732 mL	3.8661 mL	7.7322 mL
10 mM	0.3866 mL	1.933 mL	3.8661 mL
50 mM	0.0773 mL	0.3866 mL	0.7732 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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