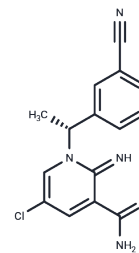


ADRA1D receptor antagonist 1 free base

Chemical Properties

CAS No. :	1191908-24-3
Formula:	C ₁₅ H ₁₃ ClN ₄ O
Molecular Weight:	300.74
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	ADRA1D receptor antagonist 1 (free base), an antagonist with a K_i value of 1.6 nM, dose-dependently inhibits bladder contraction with an IC_{30} value of 15 nM. It is useful in studies of overactive bladder disorders such as urinary urgency, frequency, and incontinence.
Targets(IC50)	Others, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3251 mL	16.6257 mL	33.2513 mL
5 mM	0.665 mL	3.3251 mL	6.6503 mL
10 mM	0.3325 mL	1.6626 mL	3.3251 mL
50 mM	0.0665 mL	0.3325 mL	0.665 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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