

PDE10A-IN-3

Chemical Properties

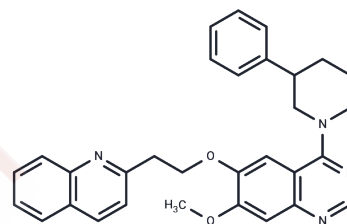
CAS No. : 1006889-85-5

Formula: C₃₁H₃₀N₄O₂

Molecular Weight: 490.6

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	Compound 8a (PDE10A-IN-3) serves as an inhibitor of phosphodiesterase 10A (PDE10A) and is utilized in schizophrenia research [1].
Targets(IC50)	PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0383 mL	10.1916 mL	20.3832 mL
5 mM	0.4077 mL	2.0383 mL	4.0766 mL
10 mM	0.2038 mL	1.0192 mL	2.0383 mL
50 mM	0.0408 mL	0.2038 mL	0.4077 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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