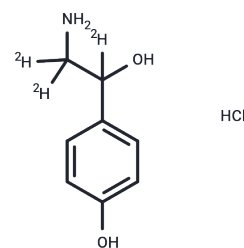


Octopamine-D4 hydrochloride

Chemical Properties

CAS No. :	1219803-62-9
Formula:	C ₈ H ₁₂ ClNO ₂
Molecular Weight:	192.66
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	Octopamine-D4 hydrochloride is the deuterated form of Octopamine hydrochloride. Octopamine (±)-p-Octopamine) hydrochloride is a bioamine structurally related to noradrenaline, functioning as a neurohormone, neuromodulator, and neurotransmitter in invertebrates. It stimulates Chinese hamster ovary cells transfected with human alpha2-adrenergic receptors (α ₂ -ARs). Additionally, Octopamine hydrochloride (T0469) enhances glycogenolysis, glycolysis, oxygen consumption, gluconeogenesis, and portal perfusion pressure.
Targets(IC50)	Endogenous Metabolite, Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1905 mL	25.9525 mL	51.9049 mL
5 mM	1.0381 mL	5.1905 mL	10.381 mL
10 mM	0.519 mL	2.5952 mL	5.1905 mL
50 mM	0.1038 mL	0.519 mL	1.0381 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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