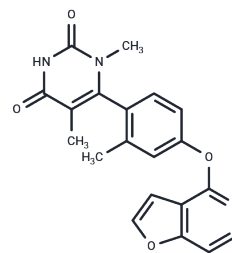


Noncatechol agonist-1

Chemical Properties

CAS No. :	1609580-99-5
Formula:	C ₂₀ H ₁₇ N ₃ O ₄
Molecular Weight:	363.367
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	Noncatechol agonist-1 (19) is a noncatechol agonist that demonstrates full efficacy in both the D1R-G protein pathway and the D1R- β -arrestin2 pathway, with a D1R-mediated cAMP production pEC ₅₀ value of 8.41 and a β -arrestin2 recruitment pEC ₅₀ value of 7.7.
Targets(IC ₅₀)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.752 mL	13.7601 mL	27.5202 mL
5 mM	0.5504 mL	2.752 mL	5.504 mL
10 mM	0.2752 mL	1.376 mL	2.752 mL
50 mM	0.055 mL	0.2752 mL	0.5504 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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