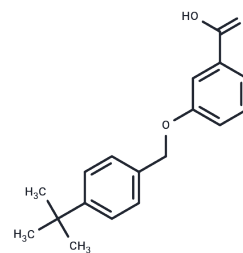


Nurr1 agonist 7

Chemical Properties

CAS No. :	228707-95-7
Formula:	C ₁₈ H ₂₀ O ₃
Molecular Weight:	284.35
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	Nurr1 agonist 7 (compound 110) is an agonist targeting the Nurr1 receptor, exhibiting an EC ₅₀ of 0.12 μM [1].
Targets(IC ₅₀)	Others,NR4A

Solubility Information

Solubility	DMSO: 100 mg/mL (351.68 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5168 mL	17.584 mL	35.1679 mL
5 mM	0.7034 mL	3.5168 mL	7.0336 mL
10 mM	0.3517 mL	1.7584 mL	3.5168 mL
50 mM	0.0703 mL	0.3517 mL	0.7034 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.

Reference

Stiller T, et al. Exploring Fatty Acid Mimetics as NR4A Ligands. J Med Chem. 2023 Nov 2.

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