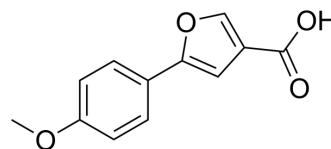


Nurr1 agonist 4

Cat. No.:	HY-149867		
CAS No.:	87645-58-7		
Molecular Formula:	C ₁₂ H ₁₀ O ₄		
Molecular Weight:	218.21		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (572.84 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.5827 mL	22.9137 mL	45.8274 mL
	5 mM	0.9165 mL	4.5827 mL	9.1655 mL
	10 mM	0.4583 mL	2.2914 mL	4.5827 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Nurr1 agonist 4 (compound 8) is a high-affinity Nurr1 agonist with EC₅₀ of 2.1 μM^[1].

REFERENCES

[1]. Marco Ballarotto, et al. De Novo Design of Nurr1 Agonists via Fragment-Augmented Generative Deep Learning in Low-Data Regime. J Med Chem. 2023 Jun 22;66(12):8170-8177.

Caution: Product has not been fully validated for medical applications. For research use only.

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