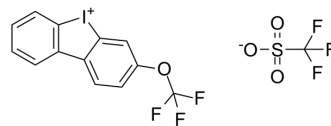


GPR3 agonist-2

Cat. No.:	HY-155318A
CAS No.:	1983120-51-9
Molecular Formula:	C ₁₄ H ₇ F ₆ IO ₄ S
Molecular Weight:	512.16
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (195.25 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent</div> <div>Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		1.9525 mL	9.7626 mL	19.5252 mL
		5 mM		0.3905 mL	1.9525 mL	3.9050 mL
		10 mM		0.1953 mL	0.9763 mL	1.9525 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.88 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	GPR3 agonist-2(compound 32) is a potent full agonist of G protein-coupled receptor 3, with the IC ₅₀ of 260 nM ^[1] .
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REFERENCES

[1]. Gay EA, et al. The development of diphenyleneiodonium analogs as GPR3 agonists. Bioorg Med Chem Lett. 2023;94:129427.

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

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