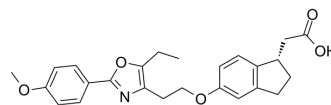


DB-959

Cat. No.:	HY-124244
CAS No.:	1257641-15-8
Molecular Formula:	C ₂₅ H ₂₇ NO ₅
Molecular Weight:	421.49
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DB-959 (PPAR δ / γ agonist 1) is a potent dual PPAR delta/gamma inhibitor. DB-959 can be used for Alzheimer's disease research ^[1] .	
In Vivo	PPAR δ / γ agonist 1 (1 mg/kg; i.g.; daily, for 16 days; STZ-mediated Long Evans rats) restores STZ-mediated impairments of motor function ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	STZ-mediated Long Evans rats ^[1]
	Dosage:	1 mg/kg
	Administration:	Oral gavage; daily, for 16 days
	Result:	Improved performance in the STZ-mediated rats and had neuroprotective for both granule and Purkinje cells.

REFERENCES

[1]. Tong M, et, al. T3D-959: A Multi-Faceted Disease Remedial Drug Candidate for the Treatment of Alzheimer's Disease. J Alzheimers Dis. 2016;51(1):123-38.

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

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