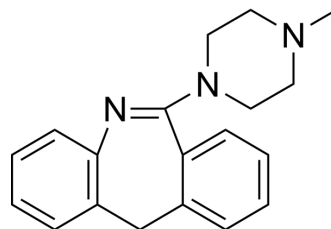


Perlapine

Cat. No.:	HY-110239
CAS No.:	1977-11-3
Molecular Formula:	C ₁₉ H ₂₁ N ₃
Molecular Weight:	291.39
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Perlapine is a potent muscarinic DREADD (Designer Receptors Exclusively Activated by Designer agents) agonist. Perlapine exhibits >10000-fold selectivity for hM₃D_q over hM₃ receptors^[1].

REFERENCES

[1]. Chen X, et al. The first structure-activity relationship studies for designer receptors exclusively activated by designer drugs. ACS Chem Neurosci. 2015 Mar 18;6(3):476-84.

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

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