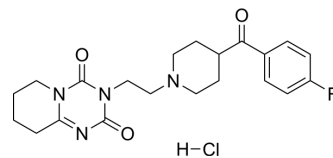


DV-7028 hydrochloride

Cat. No.:	HY-103116
CAS No.:	133364-62-2
Molecular Formula:	C ₂₁ H ₂₆ ClFN ₄ O ₃
Molecular Weight:	436.91
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DV-7028 is a selective 5-hydroxytryptamine ₂ (5-HT ₂) receptor antagonist ^[1] .
IC ₅₀ & Target	5-HT ₂ Receptor
In Vivo	DV-7028 (0.1 mg/kg, intravenously) reduced the frequency of cyclic flow reductions by 77% in dog and improved the nadir of coronary blood flow velocity that indicated the severity of cyclic flow reductions ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Tanaka T, et al. Combined effect of the 5-HT₂ receptor antagonist DV-7028 and aspirin or heparin on coronary cyclic flow reductions in dogs. *Cardiovasc Res.* 1993 Jul;27(7):1374-9.

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

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