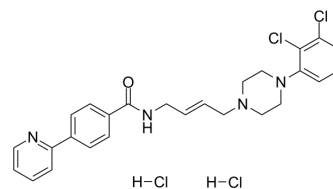


PG01037 dihydrochloride

Cat. No.:	HY-103408
CAS No.:	675599-62-9
Molecular Formula:	C ₂₆ H ₂₈ Cl ₄ N ₄ O
Molecular Weight:	554.34
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PG01037 (dihydrochloride) is a potent and selective dopamine D ₃ receptor antagonist with a K _i of 0.7 nM ^[1] .
IC ₅₀ & Target	D ₃ Receptor 0.7 nM (K _i)

REFERENCES

[1]. Grundt P, et al. Novel heterocyclic trans olefin analogues of N-{4-[4-(2,3-dichlorophenyl)piperazin-1-yl]butyl}arylcarboxamides as selective probes with high affinity for the dopamine D₃ receptor. J Med Chem. 2005 Feb 10;48(3):839-48.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA