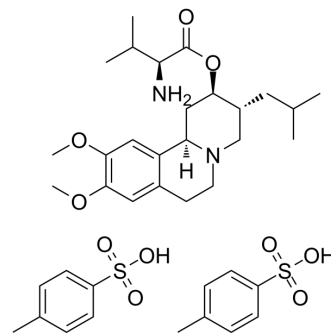


Valbenazine tosylate

Cat. No.:	HY-16771A
CAS No.:	1639208-54-0
Molecular Formula:	C ₃₈ H ₅₄ N ₂ O ₁₀ S ₂
Molecular Weight:	762.97
Target:	Monoamine Transporter
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Valbenazine tosylate (NBI-98854 tosylate) is a vesicular monoamine transporter 2 (VMAT2) inhibitor with the K _i of 110-190 nM ^[1] .
In Vitro	Valbenazine exhibits VMAT2 binding affinity in rat striatum and human platelets with K _i s of 110 and 150 nM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Valbenazine (10 mg/kg; orally) induces ptosis (primarily an adrenergic response) and increases plasma prolactin primarily a dopaminergic response in rats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Crit Rev Anal Chem. 2021 Mar 10;1-15.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Dimitri E Grigoriadis, et al. Pharmacologic Characterization of Valbenazine (NBI-98854) and Its Metabolites. J Pharmacol Exp Ther. 2017 Jun;361(3):454-461.

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

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