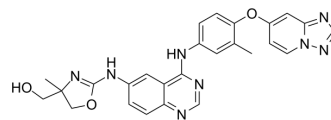


ONT-993

Cat. No.:	HY-151239
CAS No.:	937263-81-5
Molecular Formula:	C ₂₆ H ₂₄ N ₈ O ₃
Molecular Weight:	496.52
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ONT-993 is an aliphatic hydroxylated metabolite. ONT-993 inhibits CYP2D6 (IC ₅₀ =7.9 μM) and causes metabolism-dependent inactivation of CYP3A (KI=1.6 μM) ^[1] .
IC ₅₀ & Target	CYP2D6 7.9 μM (IC ₅₀)

REFERENCES

[1]. Sun H, et al. Elimination of tucatinib, a small molecule kinase inhibitor of HER2, is primarily governed by CYP2C8 enantioselective oxidation of gem-dimethyl. Cancer Chemother Pharmacol. 2022 Jun;89(6):737-750.

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