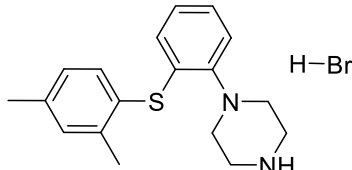




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314242	Vortioxetine HBr	T9Z01C28

Chemical name	
1-[2-(2,4-dimethylphenyl)sulfanylphenyl]piperazine hydrobromide	
Synonyms	
LuAA21004; LuAA 21004; LuAA-21004; Lu-AA21004; Lu AA21004; AA21004; AA-21004; AA 21004; Vortioxetine, vortioxetine hydrobromide, Brintellix	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314242 Name: Vortioxetine HBr CAS#: 960203-27-4 (HBr) Lot#: T9Z01C28 Chemical Formula: C ₁₈ H ₂₃ BrN ₂ S Exact Mass: 378.07653 Molecular Weight: 379.36

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE