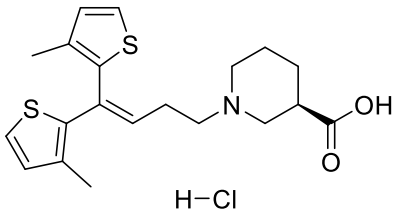


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
318867	Tiagabine hydrochloride	B9B02C19

Chemical name	
(R)-1-(4,4-bis(3-methylthiophen-2-yl)but-3-en-1-yl)piperidine-3-carboxylic acid hydrochloride	
Synonyms	
NO-329; NO329; NO 329; NNC-05-0328; NO-05-0328; Tiagabine hydrochloride; brand name Gabitril	
Chemical structure	CAS# and Theoretical analysis
 <p>H-Cl</p>	MedKoo Cat#: 318867 Name: Tiagabine hydrochloride CAS#: 145821-59-6 (HCl) Lot#: B9B02C19 Chemical Formula: C ₂₀ H ₂₆ ClNO ₂ S ₂ Molecular Weight: 412.00

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)	>99.0%
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