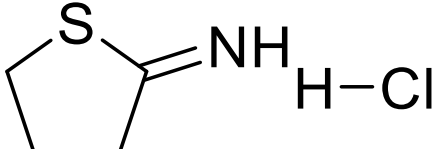




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
571644	2-Iminothiolane HCl	C22B04B05

Chemical name	
2-Iminothiolane HCl	
Synonyms	
2-Iminothiolane; 2-IT; Trauts reagent; Traut's reagent	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 571644 Name: 2-Iminothiolane HCl CAS#: 4781-83-3 (HCl) Lot#: C22B04B05 Chemical Formula: C ₄ H ₈ ClNS Exact Mass: 137.0066 Molecular Weight: 137.63

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)	>95.0%
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 3 years if properly stored.

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