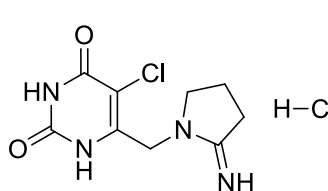


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206037	Tipiracil HCl	BBC61010

Chemical name	
5-chloro-6-((2-iminopyrrolidin-1-yl)methyl)pyrimidine-2,4(1H,3H)-dione hydrochloride	
Synonyms	
Tipiracil, TPI.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206037 Name: Tipiracil HCl CAS#: 183204-72-0 Lot#: BBC61010 Chemical Formula: C ₉ H ₁₂ Cl ₂ N ₄ O ₂ Molecular Weight: 279.12

Analysis item	Specifications / Results
Appearance	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
Self life	At least 5 years if properly stored.

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