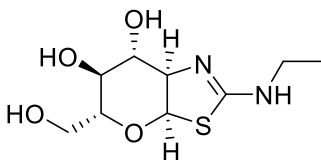


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
563409	Thiamet G	A20T07K01

Chemical name	
(3aR,5R,6S,7R,7aR)-2-(Ethylamino)-3a,6,7,7a-tetrahydro-5-(hydroxymethyl)-5H-pyrano[3,2-d]thiazole-6,7-diol	
Synonyms	
Thiamet G; Thiamet-G	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 563409 Name: Thiamet G CAS#: 1009816-48-1 Lot#: A20T07K01 Chemical Formula: C ₉ H ₁₆ N ₂ O ₄ S Exact Mass: 248.0831 Molecular Weight: 248.29

Analysis item	Specifications / Results
Appearance	Off-white to pale yellow 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