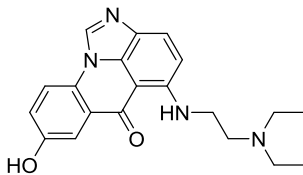




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201510	Symadex free base	S9G06M17

Chemical name	
5-((2-(diethylamino)ethyl)amino)-8-hydroxy-6H-imidazo[4,5,1-de]acridin-6-one	
Synonyms	
C-1311, C1311; C 1311; XLS-002; XLS 002; XLS002; Imidacrine; SYMADEX	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201510 Name: Symadex free base CAS#: 138154-39-9 (free base) Lot#: S9G06M17 Chemical Formula: C ₂₀ H ₂₂ N ₄ O ₂ Exact Mass: 350.17428 Molecular Weight: 350.422

Analysis item	Specifications / Results
Appearance	White to beige 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)	>98.0%
Solubility	DMSO: 10 mg/mL (clear solution; warmed)
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