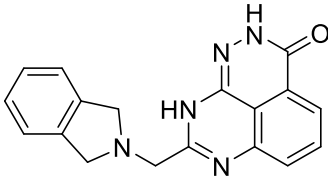




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205882	E7449	C9M07C22

Chemical name	
8-(isoindolin-2-ylmethyl)-2H-pyridazino[3,4,5-de]quinazolin-3(9H)-one	
Synonyms	
E7449; E 7449; E-7449; 2X-121; 2X 121; 2X121	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205882 Name: E7449 CAS#: 1140964-99-3 Lot#: C9M07C22 Chemical Formula: C18H15N5O Exact Mass: 317.12766 Molecular Weight: 317.34

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)	>98.0%
Solubility	~0.2 mg/ml in a 1:2 solution of DMSO:PBS (pH 7.2); ~0.2 mg/ml in DMSO & DMF
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