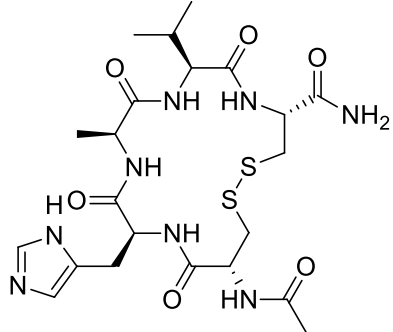




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201350	Exherin (free base)	KB40712

Chemical name	
(4R,7S,10S,13S,16R)-13-((1H-imidazol-5-yl)methyl)-16-acetamido-7-isopropyl-10-methyl-6,9,12,15-tetraoxo-1,2-dithia-5,8,11,14-tetraazacycloheptadecane-4-carboxamide	
Synonyms	
NSC729477; ADH1; ADH-1; ADH 1. Brand name: Exherin; Exherin free base	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201350 Name: Exherin (free base) CAS#: 229971-81-7 Lot# KB40712 Chemical Formula: C ₂₂ H ₃₄ N ₈ O ₆ S ₂ Exact Mass: 570.20427 Molecular Weight: 570.68

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)	>99.0%
Solubility	Soluble in DMSO and 5% HCl water, slightly soluble in water.
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