

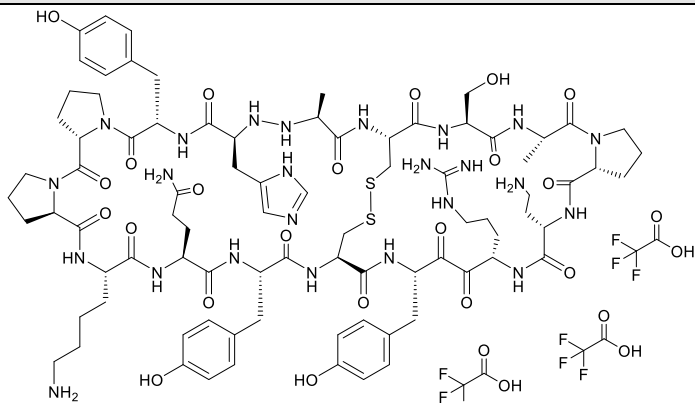


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205864	Balixafortide TFA	A20O10B28

Chemical name
3-((3aR,6S,9S,12S,15R,18S,21S,24S,26aR,32S,35S,38R,41S,44S,47S,52aS)-44-((1H-imidazol-5-yl)methyl)-6-(4-aminobutyl)-24-(2-aminoethyl)-21-(3-guanidinopropyl)-12,18,47-tris(4-hydroxybenzyl)-35-(hydroxymethyl)-32,41-dimethyl-4,7,10,13,16,19,20,23,26,31,34,37,40,45,48,53-hexadecaaxodopentacontahydro-1H,50H-15,38-(methanodithiomethano)tripyrrolo[1,2-h:2',1'-j1:1",2"-k][1,2,5,8,11,14,17,20,23,26,31,34,37,40,43,46]hexadecaazacyclooctatetracontin-9-yl)propanamide tris(2,2,2-trifluoroacetate)

Synonyms
OL6326; POL 6326; POL6326; Balixafortide; Ala-cys-ser-ala-pro-arg-tyr-cys-tyr-gln-lys-pro-pro-tyr-his cyclic (2->9)-disulfide TFA salt

Chemical structure	CAS# and Theoretical analysis
	<p>MedKoo Cat#: 205864 Name: Balixafortide TFA CAS#: 1051366-32-5 Lot#: A20O10B28 Chemical Formula: C₉₀H₁₂₁F₉N₂₄O₂₇S₂ Molecular Weight: 2206.2</p>

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	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