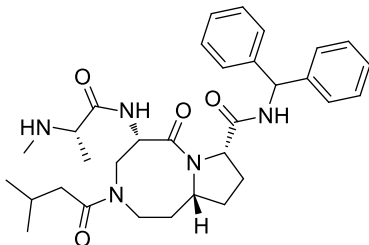




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
204460	DeBio-1143 (AT-406)	C21R04B08

Chemical name	
(5S,8S,10aR)-N-benzhydryl-5-((S)-2-(methylamino)propanamido)-3-(3-methylbutanoyl)-6-oxododecahydropyrrolo[1,2-a][1,5]diazocine-8-carboxamide	
Synonyms	
DeBio-1143; DeBio1143; DeBio 1143; AT-406; AT406; AT 406; SM 406; SM406; ARRY-334543; ARRY334543; ARRY 334543.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 204460 Name: DeBio-1143 (AT-406) CAS#: 1071992-99-8 (free base) Lot#: C21R04B08 Chemical Formula: C ₃₂ H ₄₃ N ₅ O ₄ Exact Mass: 561.3315 Molecular Weight: 561.73

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
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