

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0361	
Compound name	KT 5720	
Chemical name	(9R,10S,12S)-2,3,9,10,11,12-Hexahydro-10-hydroxy-9-methyl-1-oxo-9,12-epoxy-1H-diiindolo[1,2,3-fg:3',2',1'-k]pyrrolo[3,4-ij][1,6]benzodiazocine-10-carboxylic acid, hexyl ester	
Batch number	E2121-1-1	
Batch molecular formula	C ₃₂ H ₃₁ N ₃ O ₅	
Batch molecular weight	537.61	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.8%
TLC	TLC analysis on reverse and on normal phase showing one spot under H ₂ SO ₄ + heat	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO and in methanol	Meets specification

Produced by

Signature

Passed by

Signature

Date

02/11/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.