

Certificate of Analysis

Catalog Number	BP16059
Product Name	KPT185

Physical and Chemical Properties

Synonyms	KPT 185, KPT-185
CAS No.	1333151-73-7
Chemical Formula	C ₁₆ H ₁₆ F ₃ N ₃ O ₃
Molecular Weight	355.317
Solubility	DMSO: 66 mg/mL (185.8 mM) H ₂ O: <1 mg/mL; Ethanol: 66 mg/mL (185.8 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	KPT-185 is a selective CRM1 inhibitor, inducing apoptosis, cell-cycle arrest.
Targets&IC50	CRM1:100-500nM

Analytical Data

HPLC	Shows Min >99% purity
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H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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Purdue Bioscience Inc.