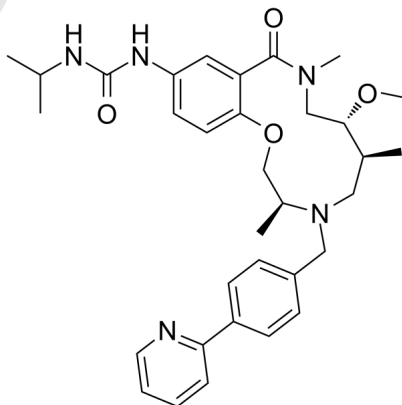


Certificate of Analysis

Catalog Number	BP22570
Product Name	BRD-K98645985

Physical and Chemical Properties

CAS No.	1357647-78-9
Chemical Formula	C33H43N5O4
Molecular Weight	573.73
	DMSO: 25 mg/mL (40.08 mM, Need ultrasonic and warming and heat to 60°C)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	BRD-K98645985 is a BAF (mammalian SWI/SNF) transcriptional repression inhibitor with an EC50 of ~2.37 μM. BRD-K98645985 binds ARID1A-specific BAF complexes, prevents nucleosomal positioning, and potently reverses HIV-1 latency, without T cell activation or toxicity.
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Targets&IC50	BAF transcriptional repression: 2.37 μ M (EC50); HIV-1:
In vitro	BRD-K98645985 (30 μ M; 18 hours) treatment shows a 5-fold increase in Bmi1, 2.6-fold increase in Ring1, and 3.3-fold decrease in Fgf4. BRD-K98645985 treatment shows a concentration dependent latency reversal in J-Lat T-cell line models. BRD-K98645985 can be combined with other LRAs to improve reservoir targeting.

Analytical Data

HPLC	Shows Min >99% purity
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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