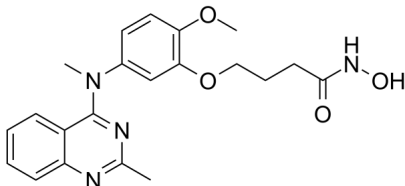


Certificate of Analysis

Catalog Number	BP14199
Product Name	SKLB-23bb

Physical and Chemical Properties

CAS No.	1815580-06-3
Chemical Formula	C ₂₁ H ₂₄ N ₄ O ₄
Molecular Weight	396.447
Solubility	DMSO: 32 mg/mL (80.72 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	SKLB-23bb is an orally bioavailable HDAC6-selective inhibitor and also has microtubule-disrupting ability.
Targets&IC50	HDAC6:17 nM

In vivo	In vivo efficacy evaluations of colorectal HCT116, acute myelocytic leukemia MV4-11, and B cell lymphoma Romas xenografts, SKLB-23bb more effectively inhibited the tumor growth than SAHA even at a 4-fold reduced dose or ACY-1215 at the same dose. SKLB-23bb is a potent oral anticancer candidate for selective HDAC6 inhibitor.
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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.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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