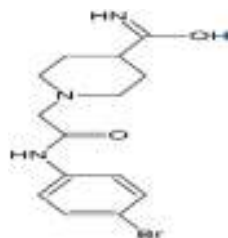


BCI-121

ALTERNATE NAME: BCI121
4-(Aminocarbonyl)-N-(4-bromophenyl)-1-piperidineacetamide

CATALOG #: B3251-5 5 mg
B3251-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₁₈BrN₃O₂

MOLECULAR WEIGHT: 340.22

CAS NUMBER: 432529-82-3

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: ~20 mg/ml DMSO

DESCRIPTION: BCI-121 is a substrate-competitive SMYD3 inhibitor that reduces nuclear histone H3 lys4 di- and tri-methylation level, downregulates known SMYD3 target genes transcription, and selectively affects SMYD3-dependent proliferation of cancer cultures with little antiproliferation efficacy toward low SMYD3-expressing cancer cells.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AZ-505 ditrifluoroacetate (B1883)
Histone H3 Antibody (3623)
Histone H3 (1-136 aa), Human recombinant (7670)
Anti-Histone H3 pan, Rabbit Monoclonal Antibody (A1141)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*