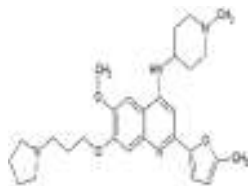


CM-272

ALTERNATE NAME: CM272
[6-Methoxy-2-(5-methyl-furan-2-yl)-7-(3-pyrrolidin-1-yl-propoxy)-quinolin-4-yl]-(1-methyl-piperidin-4-yl)-amine

CATALOG #: B3250-5 5 mg
B3250-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₃₈N₄O₃

MOLECULAR WEIGHT: 478.64

CAS NUMBER: 1846570-31-7

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: CM-272 is a potent, selective, substrate-competitive and reversible dual G9a/DNA methyltransferases (DNMTs) inhibitor. CM-272 inhibits G9a, DNMT1, DNMT3A, DNMT3B and GLP with IC50s of 8 nM, 382 nM, 85 nM, 1200 nM and 2 nM, respectively. CM-272 inhibits cell proliferation and promotes apoptosis, inducing IFN-stimulated genes and immunogenic cell death. Displays anti-tumor activity.

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:

SGI-1027 (2726)
Zebularine (2225)
RG 108 (1679)
2'-Deoxy-5-fluorocytidine (2387)

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