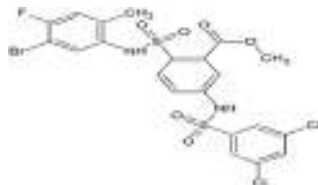


MDL-800

ALTERNATE NAME: Methyl 2-(N-(5-bromo-4-fluoro-2-methylphenyl)sulfamoyl)-5-(3,5-dichlorophenylsulfonamido)benzoate

CATALOG #: B2760-5 5 mg
B2760-25 25 mg



MOLECULAR FORMULA: C₂₁H₁₆BrCl₂FN₂O₆S₂

MOLECULAR WEIGHT: 626.30

CAS NUMBER: 2275619-53-7

APPEARANCE: White to off-white solid

PURITY: ≥98% by HPLC

SOLUBILITY: ~ 2 mg/ml DMSO

DESCRIPTION: MDL-800 is a potent and selective allosteric activator (EC₅₀ = 10.3 μM) of SIRT6, a member of the SIRT deacetylase family. Does not display any activities toward SIRT1, SIRT3, SIRT4 and HDAC1-11 at concentrations up to 50 μM or 100 μM. MDL-800 increases the deacetylase activity of SIRT6 by up to 22-fold resulting in a decrease in H3K9Ac and H3K56Ac in hepatocellular carcinoma (HCC) cells, causing cell cycle arrest and inhibiting their proliferation.

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:

Resveratrol (1758)
BML-278 (2379)
SRT-3025 hydrochloride (B2376)

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