

Product Name : Tenovin-6

Synonyms : —

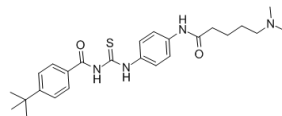
Cat No. : M10073

CAS Number : 1011557-82-6

Molecular Formula : C₂₅H₃₄N₄O₂S

Formula Weight : 454.63

Chemical Name : —



Description : Tenovin-6 is an inhibitor of SIRT1 and SIRT2, slightly inhibits HDAC8, and is also a potent activator of p53, with IC₅₀s of 21 μM, 10 μM, and 67 μM for SirT1, SirT2, and SirT3, respectively.

Pathway : Chromatin/Epigenetic

Target : Sirtuin

Receptor : SIRT1; SIRT2; SIRT3

Solubility : Water: 98 mg/mL warmed (215.55 mM); DMSO: 98 mg/mL (215.55 mM)

SMILES : CN(C)CCCCC(=O)NC1=CC=C(NC(=S)NC(=O)C2=CC=C(C=C2)C(C)(C)C)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lain S, et al. Y Cell, 2008, 13(5), 454-463.