

BVT948

Catalog No: **tcsc0019823**



Available Sizes

Size: 5mg



Specifications

CAS No:

39674-97-0

Formula:

$C_{14}H_{11}NO_3$

Pathway:

Epigenetics;Metabolic Enzyme/Protease;Metabolic Enzyme/Protease

Target:

Histone Methyltransferase;Cytochrome P450;Phosphatase

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

241.24

Product Description

BVT948 is a **protein tyrosine phosphatase (PTP)** inhibitor which can also inhibit several **cytochrome P450 (P450)** isoforms and lysine methyltransferase **SETD8**.

IC50 & Target: PTP^[1], P450^[1], SETD8^[2]

In Vitro: Results show that the effect of BVT948 (BVT.948) is to strengthen the insulin signal and has no effects on the duration of the signal. BVT948 appears to be an effective inhibitor of both protein tyrosine phosphatases (PTP activity and P450 activity)^[1]. BVT948 efficiently and selectively suppresses cellular H4 lysine 20 (H4K20me1) at doses lower than 5 μM within 24 h. The cells

