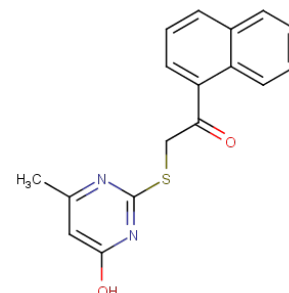


Catalog Number: CM02302

产品信息

Catalog Number:
CM02302CAS号:
459420-09-8分子式:
 $C_{17}H_{14}N_2O_2S$ 主要靶点:
Hippo pathway主要通路:
干细胞分子量:
310.4溶解度:
DMSO:120mg/mL (386.64mM)

靶点活性

Hippo pathway: 2.7 μ M

体外活性

I3MT-3 shows a dose-dependent inhibition of 3-MST activity from CT26 homogenates, which contain the murine form of the enzyme. The IC₅₀ of HMPSE for murine 3-MST is calculated as 2.3 μ M with a concentration-dependent decrease of AzMC fluorescence[1]. I3MT-3 (0-300 μ M; 48 hours) inhibits CT26 cells proliferate with increasing concentrations of I3MT-3. Confluence of cells treated with HMPSE is recorded each hour for 48 h by the IncuCyte method[2].

描述

I3MT-3 (HMPSE) is a potent, selective and cell membrane permeability inhibitor of 3-mercaptopyruvate sulfur transferase (3MST), which targets the persulfated cysteine residues located at the active site of 3MST.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year