

产品名称 : ALDH1A3-IN-2

同义词 : ——

产品货号 : M35390

CAS Number : 886502-08-5

分子式 : C<sub>13</sub>H<sub>17</sub>NO

分子量 : 203.28

化学全名 : ——

产品描述 : ALDH1A3-IN-2 (Compound 15) is a potent inhibitor of ALDH1A3 with an IC<sub>50</sub> of 1.29 μM. Aldehyde dehydrogenases (ALDHs) are overexpressed in various tumor types including prostate cancer. ALDH1A3-IN-2 has the potential for the research of cancer diseases.

通路 : Metabolic Enzyme/Protease

靶点 : Dehydrogenase

受体 : Dehydrogenase

溶解度 : In Vitro: ?DMSO 中的溶解度 : 100 mg/mL (491.93 mM; 超声助溶 )

SMILES : Cc1cc(C=O)ccc1N1CCCCC1

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Ibrahim AIM, et al. Expansion of the 4-(Diethylamino)benzaldehyde Scaffold to Explore the Impact on Aldehyde Dehydrogenase Activity and Antiproliferative Activity in Prostate Cancer. J Med Chem. 2022 Mar 10;65(5):3833-3848.?