

Product Data Sheet

Product Name: CAY10669

Cat. No.: GC40767

Chemical Properties

Cas. No. 1243583-88-1

SMILES OC1=CC=CC(/C=C\C2=CC=C(OCCCCC)C=C2)=C1C(O)=O

Formula C₂₀H₂₂O₄

M.Wt 326.4

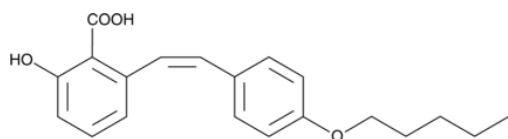
Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, Ethanol: 30 mg/ml

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

CAY10669 is an inhibitor of the histone acetyltransferase PCAF (p300/CREB-binding protein-associated factor; IC₅₀ = 662 μM), displaying a 2-fold improvement in inhibitory potency over anacardic acid. At 30-60 μM, CAY10669 can dose-dependently inhibit histone H4 acetylation in HepG2 cells in vitro.

Caution: Product has not been fully validated for medical applications. For research use only.

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