

CAY10669

## Chemical Properties

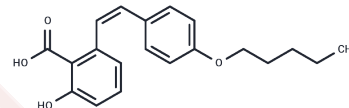
CAS No. : 1243583-88-1

Formula: C<sub>20</sub>H<sub>22</sub>O<sub>4</sub>

Molecular Weight: 326.39

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

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	CAY10669 is an inhibitor of the histone acetyltransferase PCAF (p300/CREB-binding protein-associated factor; IC <sub>50</sub> = 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.
Targets(IC50)	Others, Histone Acetyltransferase

## Solubility Information

Solubility	DMSO: 30 mg/mL (91.91 mM), Sonication is recommended. Ethanol: 30 mg/mL (91.91 mM), Sonication is recommended. DMF: 30 mg/mL (91.91 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0638 mL	15.3191 mL	30.6382 mL
5 mM	0.6128 mL	3.0638 mL	6.1276 mL
10 mM	0.3064 mL	1.5319 mL	3.0638 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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