

CUDA disodium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	CUDA disodium is an effective, soluble epoxide hydrolase (sEH) inhibitor, with IC50 values of 11.1 nM for murine sEH and 112 nM for human sEH. It selectively enhances the activity of peroxisome proliferator-activated receptor PPARalpha. CUDA disodium may be valuable for cardiovascular disease research.
Targets(IC50)	Epoxide Hydrolase,PPAR
In vitro	CUDA (10 µM; 18 hours) disodium enhances PPARalpha sixfold and threefold in COS-7 cells. It does not alter PPARα protein expression but competitively inhibits Wy-14643 (Pirinixic acid) binding to the ligand-binding domain of PPARα, indicating its potential as a PPARα ligand.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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