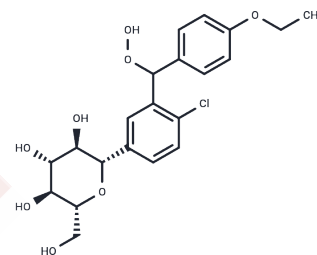


Dapagliflozin impurity A

Chemical Properties

CAS No. :	2452300-94-4
Formula:	C ₂₁ H ₂₅ ClO ₈
Molecular Weight:	440.87
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	Dapagliflozin impurity A (Compound A) is a peroxidized form of dapagliflozin known to be a genotoxic impurity. Even at low concentrations, it can damage human genetic material, potentially causing gene mutations and potentially promoting tumor development.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2682 mL	11.3412 mL	22.6824 mL
5 mM	0.4536 mL	2.2682 mL	4.5365 mL
10 mM	0.2268 mL	1.1341 mL	2.2682 mL
50 mM	0.0454 mL	0.2268 mL	0.4536 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

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