

Product Data Sheet

Product Name: Glycodeoxycholic acid monohydrate

Cat. No.: GC34176

Chemical Properties

Cas. No. 1079043-81-4

Chemical Name N-[(3 α ,5 β ,12 α)-3,12-dihydroxy-24-oxocholan-24-yl]-glycine, monohydrate

SMILES O=C(O)CNC(CC[C@@H](C)[C@H]1CC[C@@]2([H])[C@]3([H])CC[C@]4([H])C[C@H](O)CC[C@]4(C)[C@@]3([H])C[C@H](O)[C@]12C)=O.O

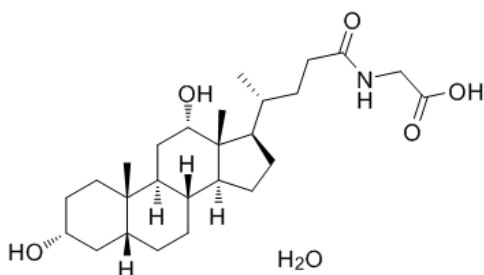
Formula $C_{26}H_{45}NO_6$ M.Wt 467.64

Solubility 1 mg/ml in ethanol; 10 mg/ml in DMSO/DMF 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

Glycodeoxycholic acid monohydrate is a nuclear receptor ligand.

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

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[1]. Moya M, et al. Enhanced steatosis by nuclear receptor ligands: a study in cultured human hepatocytes and hepatoma cells with a characterized nuclear receptor expression profile. Chem Biol Interact. 2010 Mar 30;184(3):376-87.

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