

Product Data Sheet

Product Name: 19-Hydroxybufalin

Cat. No.: GC60444

Chemical Properties

Cas. No. 39844-86-5

SMILES O=C(C=C1)OC=C1[C@H]2CC[C@]3(O)[C@]4([H])CC[C@]5([H])C[C@@H](O)CC[C@]5(CO)[C@@]4([H])CC[C@]23C

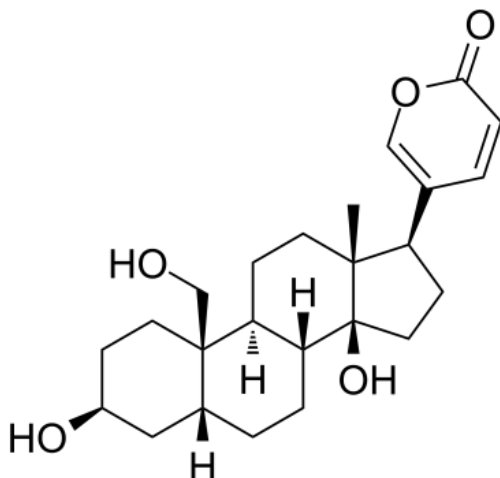
Formula $C_{24}H_{34}O_5$ M.Wt 402.52

Solubility DMSO: 100 mg/mL (248.43 mM) Storage 4°C, protect from light

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

19-Hydroxybufalin is a bufadienolide, inhibits epithelial-mesenchymal transition and attenuates the migration and invasion of PC3 cells[1].

[1]. Chen L, et al. Arenobufagin inhibits prostate cancer epithelial-mesenchymal transition and metastasis by down-regulating β -catenin. Pharmacol Res. 2017 Sep;123:130-142.

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

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