
Product Data Sheet

Product Name: 7-Epi-10-oxo-docetaxel

Cat. No.: GC35188

Chemical Properties

Cas. No. 162784-72-7

SMILES CC(O[C@@]1([C@](C[C@H]2O)([H])OC1)[C@@]([C@@]2(C3=O)C)([H])[C@@H]([C@@](C4(C)C)(C[C@H](OC([C@H](O)[C@H](C5=CC=CC=C5)NC(OC(C)(C)C)=O)=O)C(C)=C4C3=O)O)OC(C6=CC=CC=C6)=O)=O

Formula C₄₃H₅₁NO₁₄ M.Wt 805.86

Solubility Soluble in DMSO 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

7-Epi-10-oxo-docetaxel (Docetaxel Impurity 2) is a impurity of docetaxel detected by high performance liquid chromatography (HPLC).

[1]. Vasu Dev R, et al. Isolation and characterization of impurities in docetaxel. J Pharm Biomed Anal. 2006 Feb 24;40(3):614-22.

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

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