
Product Data Sheet

Product Name: 10-Oxo Docetaxel

Cat. No.: GC35045

Chemical Properties

Cas. No. 167074-97-7

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 Chloroform: Slightly soluble, Methanol: Slightly soluble 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**10-oxo Docetaxel is a degradation product of docetaxel .¹

1. Malleswara Reddy, A., Banda, N., Govind Dagdu, S., et al. Evaluation of the pharmaceutical quality of docetaxel injection using new stability indicating chromatographic methods for assay and impurities. *Sci. Pharm.* 78(2)215-231(2010)

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA