

Product Data Sheet

Product Name: DCN10809

Cat. No.: GB62208

Chemical Properties

Cas. No. 245110-80-9

SMILES CC1(C([C@@H](OC(C)=O)C([C@@](C)([C@]23[H])[C@@H](O)C[C@]4(OC[C@]43OC(C)=O)[H])=O)=C([C@H](C[C@]1([C@H]2OC(C5=CC=CC=C5)=O)O)OC([C@H](OC(CCC(ON6C(CCC6=O)=O)=O)=O)[C@@H](NC(C7=CC=CC=C7)=O)C8=CC=CC=C8)=O)C)C

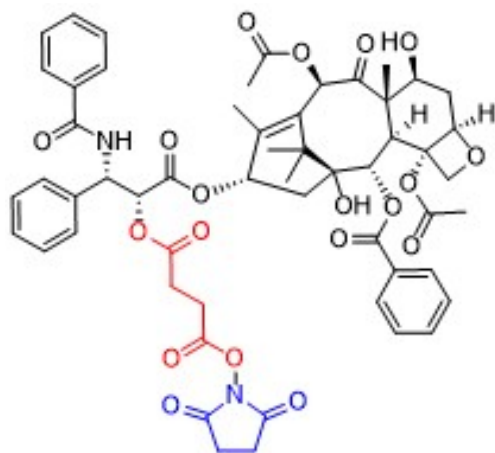
Formula C₅₅H₅₈N₂O₁₉ M.Wt 1051.064

Solubility Soluble in DMSO 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

DCN10809, also known as Paclitaxel succinate NHS ester, is a paclitaxel derivative with a succinic acid linker, in which the carboxy group is activated with an NHS ester. The NHS ester group is highly reactive to amino group or hydroxy group, and can be used to conjugate with other molecules such as peptides, proteins, antibodies or enzymes, or polymers. Paclitaxel-Succinic acid is a useful agent to make Paclitaxel-conjugate for drug delivery, nanodrug research. Note: Paclitaxel-Succinic acid is

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

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also in stock. This product has no formal name at the moment.

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