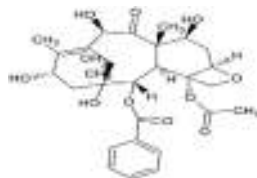


10-Deacetylbaccatin III

ALTERNATE NAME: NSC 251677
(2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-(benzoyloxy)-1,2a,3,4,4a,6,9,10,11,12,12a,12b-dodecahydro-4,6,9,11-tetrahydroxy-4a,8,13,13-tetramethyl-7,11-methano-5H-cyclodeca[3,4]benz[1,2-b]oxet-5-one
NSC-251677

CATALOG #: B2659-5 5 mg
B2659-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₃₆O₁₀

MOLECULAR WEIGHT: 544.6

CAS NUMBER: 32981-86-5

APPEARANCE: White solid

PURITY: ≥98%

SOLUBILITY: ~20 mg/ml DMSO

DESCRIPTION: 10-Deacetylbaccatin III is a precursor in the semisynthetic synthesis of paclitaxel; acts as an inhibitor of microtubule assembly (IC₅₀s = 23 and 0.9 μM for porcine brain and Physarum microtubules, respectively). 10-Deacetylbaccatin III also selectively inhibits growth of *L. donovani* intracellular amastigotes within J774 murine macrophages (IC₅₀ = 70 nM), while having no effect on macrophage morphology.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Cabazitaxel (B2399)
Colchicine (1519)
Paclitaxel (1567)
Combretastatin A4 (2239)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*