

Product Data Sheet

Product Name: N-Boc-dolaproine-amide-Me-Phe

Cat. No.: GC74152

Chemical Properties

Cas. No. 3026596-72-2

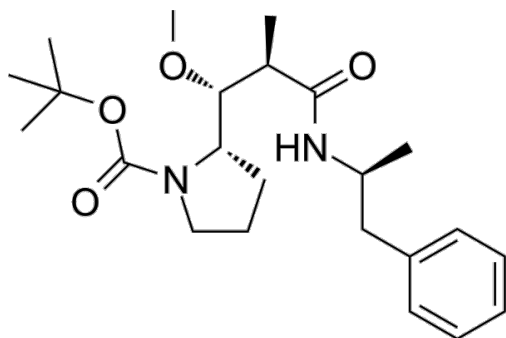
Formula $C_{23}H_{36}N_2O_4$ M.Wt 404.54

Solubility DMSO : 200 mg/mL (494.39 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

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

N-Boc-dolaproine-amide-Me-Phe is the amino acid residue of the pentapeptide Dolastatin 10 .

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

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Dolastatin 10 inhibits tubulin polymerization and mitosis and has anticancer activity^[1].

References:

[1]. Almeida W P, et al. An easy and stereoselective synthesis of N-Boc-dolaproine via the Baylis–Hillman reaction[J]. Tetrahedron letters, 2003, 44(5): 937-940.

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