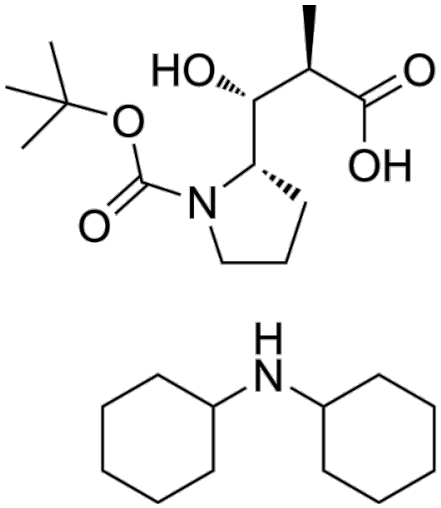
Product Data Sheet

Product Name: N-Boc-dolaproine-OH dicyclohexylamine
Cat. No.: GC74129

Chemical Properties

Cas. No.			
Formula	$C_{25}H_{46}N_2O_5$	M.Wt	454.64
Solubility		Storage	4°C, stored under nitrogen
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-OH dicyclohexylamine is the amino acid residue of the pentapeptide Dolastatin 10 . Dolastatin 10 inhibits tubulin polymerization and mitosis and has anticancer activity.

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.

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