Product Data Sheet

Product Name: rac-TNT-i
Cat. No.: GC79850

Chemical Properties

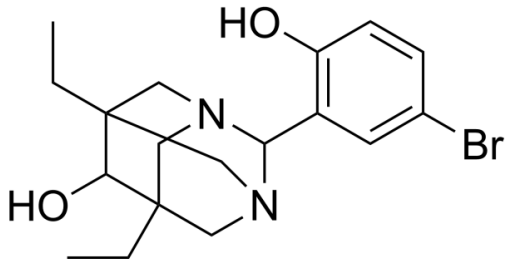
Cas. No.

Formula	$C_{18}H_{25}BrN_2O_2$	M.Wt	381.31
Solubility	DMSO: 50 mg/mL (131.13 mM; Need ultrasonic)	Storage	Store at 4°C, protect from light
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.		

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

Product Data Sheet

Structure



Background

rac-TNT-i (rac-NPD3064) is the racomer of TNT-i. TNT-i is an inhibitor targeting M-Sec. TNT-i reversibly inhibits the formation of tunnel nanotubes (TNT) induced by M-Sec. TNT-i can reduce the production of wild-type HIV-1 in macrophages and T cells expressing M-Sec. TNT-i has low cytotoxicity towards macrophages and T cells. TNT-i can be used in studies related to HIV-1 infection.

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