

## Product Data Sheet

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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 Storage ultrasonic) 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.**

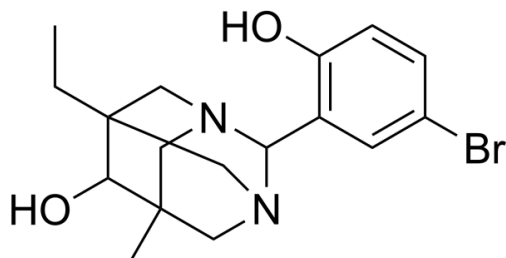
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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### 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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