
Product Data Sheet

Product Name: (Rac)-BMS-816336

Cat. No.: GC39082

Chemical Properties

Cas. No. 1009365-98-3

SMILES OC1[C@H]2C[C@@H]3[C@@](C4=CC=CC=C4)(CC(N5CC(O)C5)=O)[C@@H](CC1C3)C2Formula C₂₁H₂₇NO₃ M.Wt 341.44

Solubility Soluble in DMSO Storage Store at -20°C

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**

(Rac)-BMS-816336 (Compound 6n) is a racemate of BMS-816336. (Rac)-BMS-816336 is a potent inhibitor of human and mouse 11 β -hydroxysteroid dehydrogenase type 1 (11 β -HSD1) enzyme with IC₅₀s of 10 nM and 68 nM, respectively. (Rac)-BMS-816336 has good metabolic stability[1].

[1]. Ye XY, et al. Discovery of Clinical Candidate 2-((2S,6S)-2-Phenyl-6-hydroxyadamantan-2-yl)-1-(3'-hydroxyazetid-1-yl)ethanone [BMS-816336], an Orally Active Novel Selective 11 β -Hydroxysteroid Dehydrogenase Type 1 Inhibitor. J Med Chem. 2017 Jun 22;60(12):4932-4948.

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

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