
Product Data Sheet

Product Name: RPR132595A

Cat. No.: GC61254

Chemical Properties

Cas. No. 185304-42-1

SMILES O=C(N1CCC(N)CC1)OC2=CC=C3N=C4C(CN5C(C(COC([C@@]6(CC)O)=O)=C6C=C54)=O)=C(CC)C3=C2

Formula $C_{28}H_{30}N_4O_6$

M.Wt

518.56

Solubility

Storage

Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for tips a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition request.

Structure

Background

RPR132595A (NPC) is an active metabolite of CPT-11, which is generated by cytochrome P-450 3A4 (CYP3A4) and finally excreted through urine[1].

[1]. Alvau MD, et al. Enzyme-Based Electrochemical Biosensor for Therapeutic Drug Monitoring of Anticancer Drug Irinotecan. Anal Chem. 2018 May 15;90(10):6012-6019.

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

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