
Product Data Sheet

Product Name: Acalabrutinib D4

Cat. No.: GC60551

Chemical Properties

Cas. No.

SMILES O=C(NC1=NC([2H])=C([2H])C([2H])=C1[2H])C2=CC=C(C3=C4C(N)=NC=CN4C([C@H]5N(C(C#CC)=O)CCC5)=N3)C=C2

Formula $C_{26}H_{19}D_4N_7O_2$

M.Wt

469.53

Solubility

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

Acalabrutinib D4 (ACP-196 D4) is a deuterium labeled Acalabrutinib. Acalabrutinib (ACP-196) is an orally active, irreversible, and highly selective second-generation BTK inhibitor[1].

[1]. Wu J, et al. Acalabrutinib (ACP-196): a selective second-generation BTK inhibitor. J Hematol Oncol. 2016 Mar 9;9:21

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

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