
Product Data Sheet

Product Name: 9-Decyn-1-ol

Cat. No.: GC66222

Chemical Properties

Cas. No. 17643-36-6

Formula $C_{10}H_{18}O$ M.Wt 154.25

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

9-Decyn-1-ol is an alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTACs. 9-Decyn-1-ol can be used to conjugate GDC-0068 with Lenalidomide to generate INY-03-041. INY-03-041 is a potent, highly selective and PROTAC-based pan-Akt degrader. INY-03-041 inhibits Akt1, Akt2 and Akt3 with IC_{50} s of 2.0 nM, 6.8 nM and 3.5 nM, respectively^[1].

9-Decyn-1-ol can be used to conjugate GDC-0068 with Lenalidomide to generate INY-03-041. INY-03-041 is a pan-AKT degrader consisting of the ATP-competitive AKT inhibitor GDC-0068 conjugated to Lenalidomide by a linker^[1].

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

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