

Product Data Sheet

Product Name: ARM165

Cat. No.: GC74044

Chemical Properties

Cas. No.

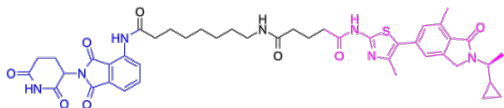
Formula C₄₄H₅₁N₇O₈S M.Wt 837.98

Solubility DMSO : 28.57 mg/mL (34.09 mM); ultrasonic and warming and heat to 60°C) Storage -20°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.

Structure



Background

ARM165 is a heterobifunctional molecule. ARM165 degrades the PIK3CG proteins, inhibits PI3Ky-Akt signaling pathway, and thus exhibits antileukemia efficacy. ARM165 inhibits proliferations of AML cells, with IC₅₀ <1 μM. (Pink: ligand for target protein PI3Ky inhibitor AZ2 ; Black: linker; Blue: ligand for E3 ligase Pomalidomide)

References:

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

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[1]. Kelly LM, et al., Targeting a lineage-specific PI3K γ -Akt signaling module in acute myeloid leukemia using a heterobifunctional degrader molecule. Nat Cancer. 2024 May 30.

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