

Product Data Sheet

Product Name: PARP1-IN-56

Cat. No.: GC79061

Chemical Properties

Cas. No. 1574367-80-8

Formula $C_{16}H_{12}IN_3O$ M.Wt 389.19

Solubility DMSO: 20 mg/mL (51.39 mM); ultrasonic and warming and heat to 60°C) 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

PARP1-IN-56 (Compound RCY) is an I-labeled poly(ADP-ribose) polymerase (PARP1) inhibitor. PARP1-IN-56 can be radiolabeled with 211 At or 125 I for use as an α-emitting radiotherapeutic agent. PARP1-IN-56 can be used for the research of cancer [1].

References:

[1]. Reilly SW, et al. Rapid Cu-Catalyzed [211 At]Astatination and [125 I]Iodination of Boronic Esters

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

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at Room Temperature. Org Lett. 2018;20(7):1752-1755.

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