Product Data Sheet

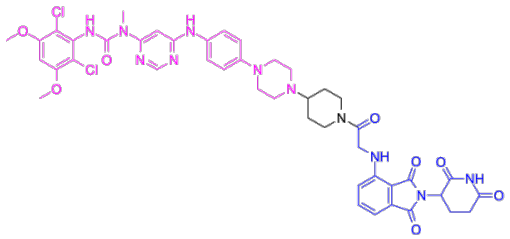
Product Name: BR-cpd7
Cat. No.: GC74046

Chemical Properties

Cas. No.

Formula	$C_{44}H_{47}Cl_2N_{11}O_8$	M.Wt	928.82
Solubility	DMSO : 100 mg/mL (107.66 mM; Need ultrasonic)	Storage	-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

BR-cpd7 is a PROTAC degrader for fibroblast growth factor receptor FGFR1/2 with DC50 of 10 nM.

Caution: Product has not been fully validated for medical applications. For research use only.
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BR-cpd7 arrests cell cycle, inhibits proliferations of FGFR1/2 aberrant activated tumor cells. (Pink: ligand for target protein FGFR-IN-12 ; Black: linker; Blue: ligand for E3 ligase Thalidomide-NH-CH2-COOH)

References:

[1]. Kong Y, et al., A Selective FGFR1/2 PROTAC Degrader with Antitumor Activity. Mol Cancer Ther. 2024 Jun 10:OF1-OF11.

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