Product Data Sheet

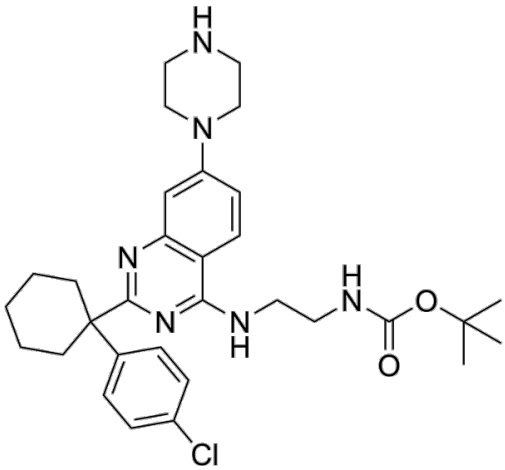
Product Name: DCAF1 ligand 2
Cat. No.: GC81017

Chemical Properties

Cas. No.

Formula	$C_{31}H_{41}ClN_6O_2$	M.Wt	565.15
Solubility	DMSO: 1 mg/mL (1.77 mM; Need ultrasonic)	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

DCAF1 ligand 2 (Tert-butyl (2-((2-(1-(4-chlorophenyl)cyclohexyl)-7-(piperazin-1-yl)quinazolin-4-yl)amino)ethyl)carbamate) is a ligand of the E3 connecting enzyme DCAF1. DCAF1 ligand 2 can be used for the synthesis of PROTACs [1].

References:

[1]. Schröder M, et al. DCAF1-based PROTACs with activity against clinically validated targets overcoming intrinsic- and acquired-degrader resistance. Nat Commun. 2024 Jan 4;15(1):275. doi:

Caution: Product has not been fully validated for medical applications. For research use only.
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10.1038/s41467-023-44237-4. Erratum in: Nat Commun. 2024 Aug 19;15(1):7109.