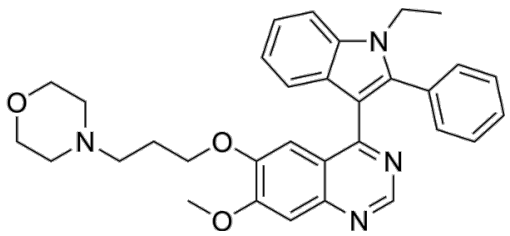
Product Data Sheet

Product Name: YS-67
Cat. No.: GC73747

Chemical Properties

Cas. No.	2761327-15-3		
Formula	$C_{32}H_{34}N_4O_3$	M.Wt	522.64
Solubility	DMSO : 20 mg/mL (38.27 mM; ultrasonic and warming and heat to 60°C)	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

YS-67 is a potent inhibitor of EGFR with an IC 50 of 5.2 nM. YS-67 significantly inhibits p-EGFR and p-AKT. YS-67 inhibits the proliferation of A549, PC-9, and A431cells with IC 50s of 4.1, 0.5, and 2.1 μM, respectively.

References:
[1]. He P, et al. Design, synthesis and biological evaluation of structurally new 4-indolyl quinazoline

derivatives as highly potent, selective and orally bioavailable EGFR inhibitors. Bioorg Chem. 2024 Jan;142:106970.