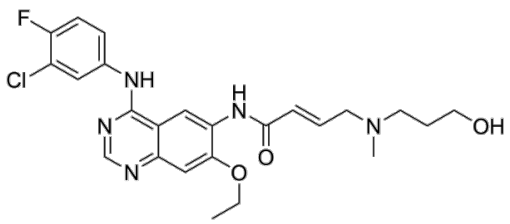
Product Data Sheet

Product Name: ER121
Cat. No.: GC79457

Chemical Properties

Cas. No.	2360839-74-1		
Formula	$C_{24}H_{27}ClFN_5O_3$	M.Wt	487.95
Solubility	DMSO: 12.5 mg/mL (25.62 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

ER121 (SGI-078) is an orally active non-toxic small molecule ErbB2 kinase inhibitor. ER121 shows potent antitumor activity can be used for the research of HER2-related breast cancer [1].

References:

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[1]. Goel PN, et al. Targeting erbB Pathways in Breast Cancer: Dual Kinase Inhibition for Brain Metastasis and Prevention of p185HER2/Neu Tumor Development. Breast Cancer (Dove Med Press). 2024 Oct 30;16:725-733.

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