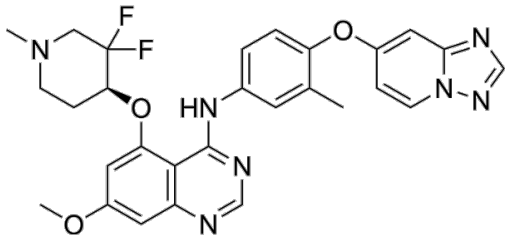
Product Data Sheet

Product Name: DZD1516
Cat. No.: GC73544

Chemical Properties

Cas. No.	2387570-00-3		
Formula	$C_{28}H_{27}F_2N_7O_3$	M.Wt	547.56
Solubility	DMSO : 100 mg/mL (182.63 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

DZD1516 is a potent and selective HER2 inhibitor (IC50=0.56 nM) with good blood-brain permeability. DZD1516 exhibits antitumor activity in CNS and subcutaneous xenograft mouse models.

Caution: Product has not been fully validated for medical applications. For research use only.
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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Zhang J, et al. Preclinical and clinical activity of DZD1516, a full blood-brain barrier-penetrant, highly selective HER2 inhibitor. Breast Cancer Res. 2023 Jul 6;25(1):81.

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