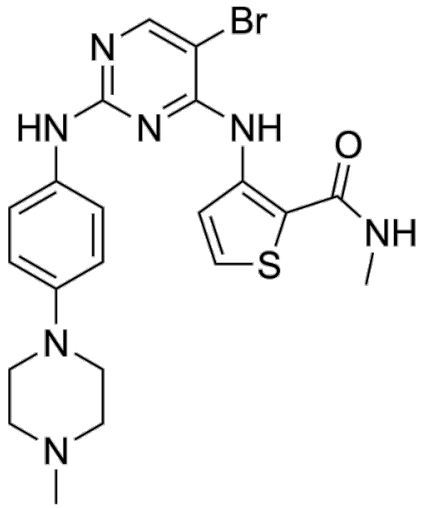
Product Data Sheet

Product Name: FAK-IN-14
Cat. No.: GC73575

Chemical Properties

Cas. No.	2766666-22-0		
Formula	$C_{21}H_{24}BrN_7OS$	M.Wt	502.43
Solubility	DMSO : 25 mg/mL (49.76 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

FAK-IN-14 (compound 8d) is a focal adhesion kinase(FAK) inhibitor with an IC50 value of 0.2438 nM.

Caution: Product has not been fully validated for medical applications. For research use only.
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FAK-IN-14 induces U87-MG cell early apoptosis and arrest the cell at the G2/M phase.

References:

[1]. Zhiwu Long, et al. Design, synthesis and biological evaluation of 4-arylamino-pyrimidine derivatives as focal adhesion kinase inhibitors. Bioorg Chem. 2023.

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