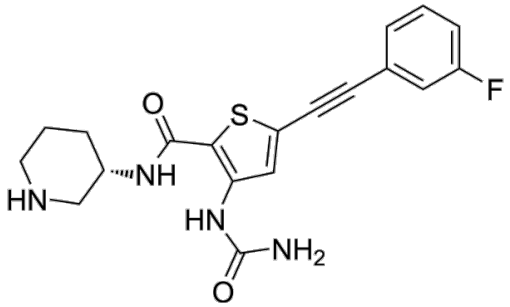
Product Data Sheet

Product Name: PHI-101
Cat. No.: GC73497

Chemical Properties

Cas. No.	2127107-15-5		
Formula	$C_{19}H_{19}FN_4O_2S$	M.Wt	386.44
Solubility	DMSO : 100 mg/mL (258.77 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

PHI-101 is an orally active FLT3 inhibitor that overcomes resistance to multiple drug-resistant mutations. PHI-101 potently inhibits FLT3 single activating mutations (ITD or TKD mutants) and has inhibitory activity against FLT3 double (ITD/D835Y or ITD/F691L) and triple (ITD/D835Y/F691L)

Caution: Product has not been fully validated for medical applications. For research use only.
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resistance mutations. PHI-101 has potential for research in relapsed or refractory acute myeloid leukemia (AML).

References:

[1]. Nam K Y, et al. PHI-101 Is a Potent Third-Generation FLT3 Inhibitor Developed to Overcome Resistance in Acute Myeloid Leukemia[J]. Blood, 2020, 136: 28.