Product Name	:	eCF506
Synonyms	:	——
Cat No.	:	M21978
CAS Number	:	1914078-41-3
Molecular Formula	:	C26H38N8O3
Formula Weight	:	510.63
Chemical Name	:	——
Description	:	eCF506 is a potent and selective inhibitor of SRC (IC50 < 0.5 nM)eCF506, the first small molecule with subnanomolar IC50 for SRC that requires 3 orders of magnitude greater concentration to inhibit ABL.?eCF506 exhibits excellent water solubility, an optimal DMPK profile and oral bioavailability, halts SRC-associated neuromast migration in zebrafish embryos without inducing life-threatening heart defects, and inhibits SRC phosphorylation in tumor xenografts in mice.
Pathway	:	Tyrosine Kinase
Target	:	Src
Receptor	:	Src
Solubility	:	DMSO:62.5 mg/mL (122.40 mM; Need ultrasonic)
SMILES	:	COc1cc(ccc1NC(=O)OC(C)(C)C)-c1nn(CCN2CCC(CC2)N(C)C)c2ncnc(N)c12
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.Fraser C, et al. Rapid Discovery and Structure-Activity Relationships of Pyrazolopyrimidines That Potently Suppress Breast Cancer Cell Growth via SRC Kinase Inhibition with Exceptional Selectivity over ABL Kinase. J Med Chem. 2016 May 26;59(10):4697-710.