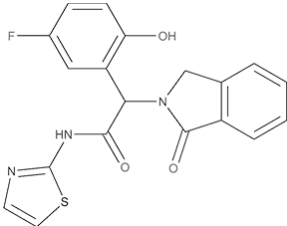


Product Name	: EAI045	
Synonyms	: EAI045; EAI-045; EAI 045	
Cat No.	: M17407	
CAS Number	: 1942114-09-1	
Molecular Formula	: C ₁₉ H ₁₄ FN ₃ O ₃ S	
Formula Weight	: 383.4	
Chemical Name	: 2-(5-fluoro-2-hydroxyphenyl)-2-(3-oxo-1H-indol-2-yl)-N-(1,3-thiazol-2-yl)acetamide	
Description	: EAI045 is a potent and selective EGFR inhibitor. EAI045 targets selected drug-resistant EGFR mutants but spares the wild-type receptor. EAI045 inhibits L858R/T790M-mutant EGFR with low-nanomolar potency in biochemical assays.	
Pathway	: MAPK/ERK Signaling	
Target	: p38 MAPK	
Receptor	: EGFR mutants	
Solubility	: DMSO : ≥ 28 mg/mL; 73.03 mM	
SMILES	: <chem>c1ccc2c(c1)CN(C(=O)C(C(=O)Nc1sccn1)c1cc(ccc1O)F</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Jia Y et al. Overcoming EGFR(T790M) and EGFR(C797S) resistance with mutant-selective allosteric inhibitors. Nature. 2016 May 25;534(7605):129-32.