

Product Information

p38-MAPK inhibitor AL 8697, Purity ≥98%

Cat. No.: X23-10-ZQ895

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD28133371

CAS Number: 1057394-06-5

Compound CID: 25060093

Synonym: AL 8697; 1057394-06-5; ChEMBL2087742; AL8697;

3-(3-*tert*

-Butyl-6,8-difluoro-[1,2,4]triazolo[4,

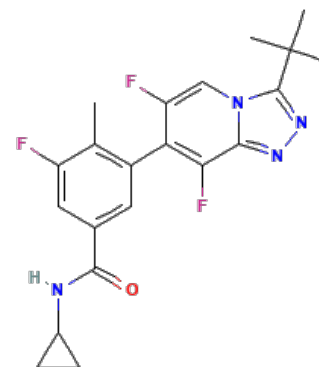
3-*a*]pyridin-7-yl)-*N*-cyclopropyl-5-fluoro-4-methylbenzamide; AL-8697;

3-[3-(*tert*

-Butyl)-6,8-difluoro-[1,2,4]triazolo[

4,3-*a*]pyridin-7-yl]-*N*-cyclopropyl-5-fluoro-4-methylbenzamide; p38-MAPK inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	AL 8697 targets the ATP-binding site of the kinase, thereby preventing phosphorylation of downstream substrates.
Molecular Weight	402.41
Molecular Formula	C ₂₁ H ₂₁ F ₃ N ₄ O
IUPAC Name	3-(3- <i>tert</i> -Butyl-6,8-difluoro-[1,2,4]triazolo[4,3- <i>a</i>]pyridin-7-yl)- <i>N</i> -cyclopropyl-5-fluoro-4-methylbenzamide
InChI	InChI=1S/C21H21F3N4O/c1-10-13(7-11(8-14(10)22)19(29)25-12-5-6-12)16-15(23)9-28-18(17(16)24)26-27-20(28)21(2,3)4/h7-9,12H,5-6H2,1-4H3,(H,25,29)
InChI Key	ZVBTZTQYHOXIBC-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=C(C=C1F)C(=O)NC2CC2)C3=C(C4=NN=C(N4C=C3F)C(C)(C)C)F
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.



Applications

AL 8697 can be employed to investigate the inhibition of p38 MAP kinase and its role in cellular signaling.

Storage

Store at -20°C.
