CD BioGlyco
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Product Information

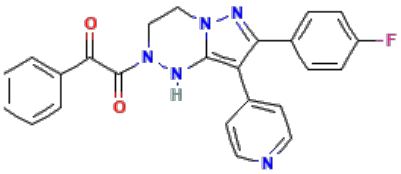
p38-MAPK inhibitor FR 167653 free base, Purity ≥98%

Cat. No.: X23-10-ZQ916

Size: 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

CAS Number: 158876-65-4

Compound CID: 135444724



Synonym: FR 167653 free base; 158876-65-4; 1-[7-(4-Fluorophenyl)-8-pyridin-4-yl-3,4-dihydro-1*H*-pyrazolo[5,1-c][1,2,4]triazin-2-yl]-2-phenylethane-1,2-dione; FR167653freebase; SCHEMBL7489352; p38-MAPK inhibitor

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

Product Information

Description	FR 167653 free base targets the ATP-binding site of the kinase, thereby preventing phosphorylation of downstream substrates.
Molecular Weight	427.43
Molecular Formula	$C_{24}H_{18}FN_5O_2$
IUPAC Name	1-[7-(4-Fluorophenyl)-8-pyridin-4-yl-3,4-dihydro-1*H*-pyrazolo[5,1-c][1,2,4]triazin-2-yl]-2-phenylethane-1,2-dione
InChI	InChI=1S/C24H18FN5O2/c25-19-8-6-17(7-9-19)21-20(16-10-12-26-13-11-16)23-28-30(15-14-29(23)27-21)24(32)22(31)18-4-2-1-3-5-18/h1-13,28H,14-15H2
InChI Key	LDBDQDCZGRCZED-UHFFFAOYSA-N
Canonical SMILES	C1CN(NC2=C(C(=NN21)C3=CC=C(C=C3)F)C4=CC=NC=C4)C(=O)C(=O)C5=CC=CC=C5
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	FR 167653 free base is used to investigate its effects on inflammation and fibrosis through inhibition of p38 MAP kinase.
Storage	Store at -20ºC.

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