

PF-3758309 ab287116

Overview

Product name	PF-3758309
Description	A potent small molecule inhibitor of PAK4
Biological description	A potent small molecule inhibitor of p21-activated kinase 4 (PAK4) with potential antineoplastic activity. It binds to PAK4, inhibiting PAK4 activity and cancer cell growth. PAK4, a serine/threonine kinase belonging to the p21-activated kinase (PAK) family, is often upregulated in a variety of cancer cell types and plays an important role in cancer cell motility, proliferation, and survival.
Purity	>= 98%
General notes	This product is manufactured by BioVision, an Abcam company and was previously called B2634 PF-3758309. B2634-25 is the same size as the 25 mg size of ab287116.
CAS Number	898044-15-0

Properties

Chemical name	<i>N</i> -[(1 <i>S</i>)-2-(dimethylamino)-1-phenylethyl]-6,6-dimethyl-3-[(2-methylthieno[3,2- <i>d</i>]pyrimidin-4-yl)amino]-1,4-dihydropyrrolo[3,4- <i>c</i>]pyrazole-5-carboxamide
Molecular weight	490.60
Molecular formula	C ₂₅ H ₃₀ N ₈ OS
PubChem identifier	25227462
Storage instructions	Shipped at 4°C. Store at -20°C long term. Store In the Dark.
Solubility overview	Soluble to in DMSO to 10 mM
Handling	Toxic, refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>CC1=NC2=C(C(=N1)NC3=NNC4=C3CN(C4(C)C)C(=O)NC(CN(C)C)C5=CC=CC=C5)SC=C2</chem>

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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