



Product Information

E1 activating inhibitor BI8622, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ833

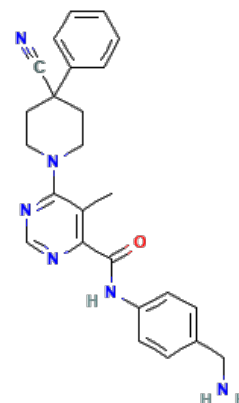
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1875036-74-0

Compound CID: 138377590

Synonym: 1875036-74-0; E1 activating inhibitor; BI8622; BI 8622; BI-8622

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



Product Information

Description	BI8622 is a compound designed to target and inhibit the initial step of the ubiquitin-proteasome pathway.
Molecular Weight	426.52
Molecular Formula	C ₂₅ H ₂₆ N ₆ O
IUPAC Name	<i>N</i> -[4-(aminomethyl)phenyl]-6-(4-cyano-4-phenylpiperidin-1-yl)-5-methylpyrimidine-4-carboxamide
InChI	InChI=1S/C25H26N6O/c1-18-22(24(32)30-21-9-7-19(15-26)8-10-21)28-17-29-23(18)31-13-11-25(16-27,12-14-31)20-5-3-2-4-6-20/h2-10,17H,11-15,26H2,1H3,(H,30,32)
InChI Key	IJHAXMJRQQTBPPL-UHFFFAOYSA-N
Canonical SMILES	CC1=C(N=CN=C1N2CCC(CC2)(C#N)C3=CC=CC=C3)C(=O)NC4=CC=C(C=C4)CN
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	BI8622 helps in the study of E1 activating inhibition, impacting the understanding of ubiquitin-mediated protein degradation.
Storage	Store at -20°C, and keep desiccated.