



Product Information

E1 activating inhibitor BI-8626, Purity ≥98%

Cat. No.: X24-06-ZQ832

Size: 5 mg; 10 mg; 50 mg

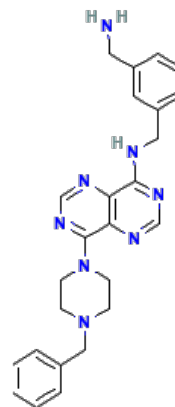
MDL: MFCD32062793

CAS Number: 1875036-75-1

Compound CID: 138377589

Synonym: 1875036-75-1; E1 activating inhibitor; BI8626; BI 8626; BI-8626

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



Product Information

Description	BI-8626 is a compound designed to target and inhibit the initial step of the ubiquitin-proteasome pathway.
Molecular Weight	440.56
Molecular Formula	C ₂₅ H ₂₈ N ₈
IUPAC Name	<i>N</i> -[[[3-(aminomethyl)phenyl]methyl]-4-(4-benzylpiperazin-1-yl)pyrimido[5,4-d]pyrimidin-8-amine
InChI	InChI=1S/C25H28N8/c26-14-20-7-4-8-21(13-20)15-27-24-22-23(29-17-30-24)25(31-18-28-22)33-11-9-32(10-12-33)16-19-5-2-1-3-6-19/h1-8,13,17-18H,9-12,14-16,26H2,(H,27,29,30)
InChI Key	DZDNGSNKIWRZ-UHFFFAOYSA-N
Canonical SMILES	C1CN(CCN1CC2=CC=CC=C2)C3=NC=NC4=C3N=CN=C4NCC5=CC=CC(=C5)CN
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.
Quality Level	Research grade
Applications	BI-8626 is an E1 activating inhibitor used to explore ubiquitin-activation processes, crucial for protein tagging and degradation pathways.
Storage	Store at -20°C, and keep desiccated.