



Product Information

Bcr-Abl inhibitor GZD824, Purity ≥98%

Cat. No.: X24-06-ZQ466

Size: 5 mg; 10 mg; 50 mg

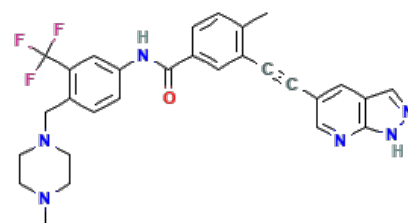
MDL: MFCD26142930

CAS Number: 1257628-77-5

Compound CID: 51038269

Synonym: 1257628-77-5; Bcr-Abl inhibitor; GZD 824; GZD-824

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



Product Information

Description	GZD824 specifically inhibits the activity of the Bcr-Abl tyrosine kinase.
Molecular Weight	532.22
Molecular Formula	C ₂₉ H ₂₇ F ₃ N ₆ O
IUPAC Name	4-Methyl-N -[4-[(4-methylpiperazin-1-yl)met hyl]-3-(trifluoromethyl)phenyl]-3-[2-(1H-pyrazolo[3,4-b]pyridin-5-yl)ethynyl]benzamide
InChI	InChI=1S/C29H27F3N6O/c1-19-3-5-22(14-21(19)6-4-20-13-24-17-34-36-27(24)33-16-20)28(39)35-25-8-7-23(26(15-25)29(30,31)32)18-38-11-9-37(2)10-12-38/h3,5,7-8,13-17H,9-12,18H2,1-2H3,(H,35,39)(H,33,34,36)
InChI Key	TZKBVRDEOITLRB-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=C(C=C1)C(=O)NC2=CC(=C(C=C2)CN3CCN(CC3)C)C(F)(F)F)C#CC4=CC5=C(NN=C5)N=C4
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	GZD824 targets Bcr-Abl, contributing to studies on drug-resistant leukemia.
Storage	Store at -20°C, and keep desiccated.



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