



Product Information

PDGFR inhibitor GZD856, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ124

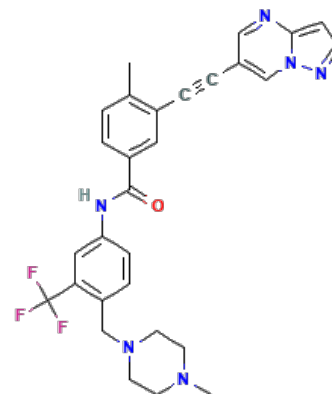
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1257628-64-0

Compound CID: 51037822

Synonym: 1257628-64-0; PDGFR inhibitor; GZD 856; GZD-856

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



Product Information

Description	GZD856 blocks the activity of platelet-derived growth factor receptors (PDGFR), which play a crucial role in cell growth, angiogenesis, and tissue. It targets Bcr-Abl, Bcr-AblT315I, PDGFR α , and PDGFR β .
Molecular Weight	532.56
Molecular Formula	C ₂₉ H ₂₇ F ₃ N ₆ O
Targets	Bcr-Abl: 19.9 nM; Bcr-AblT315I: 15.4 nM; PDGFR α : 68.6 nM; PDGFR β : 136.6 nM
IUPAC Name	4-Methyl-N-[4-[(4-methylpiperazin-1-yl)methyl]-3-(trifluoromethyl)phenyl]-3-(2-pyrazolo[1,5-a]pyrimidin-6-ylethynyl)benzamide
InChI	InChI=1S/C29H27F3N6O/c1-20-3-5-23(15-22(20)6-4-21-17-33-27-9-10-34-38(27)18-21)28(39)35-25-8-7-24(26(16-25)29(30,31)32)19-37-13-11-36(2)12-14-37/h3,5,7-10,15-18H,11-14,19H2,1-2H3,(H,35,39)
InChI Key	FSLXBWOKEGSUPS-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=CN5C(=CC=N5)N=C4
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

GZD856 acts as a PDGFR inhibitor, facilitating research in pathological conditions involving aberrant PDGFR signaling.

Storage

Store at -20°C, and keep desiccated.
