



Product Information

FLT3 inhibitor Gilteritinib hemifumarate, Purity ≥98%

Cat. No.: X24-06-ZQ048

Size: 5 mg; 10 mg; 50 mg; 100 mg

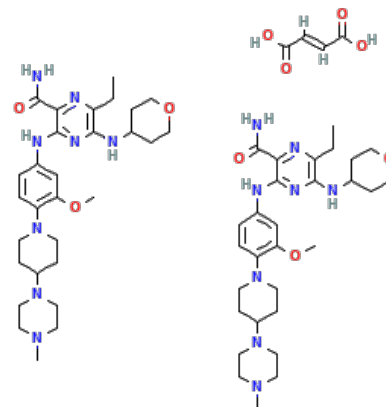
CAS Number: 1254053-84-3

Compound CID: 76970819

Synonym: 1254053-84-3; FLT3 inhibitor; ASP2215 hemifumarate; ASP 2215;

ASP-2215

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



Product Information

Description	Gilteritinib hemifumarate is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against FLT3.
Molecular Weight	1221.5
Molecular Formula	C ₆₂ H ₉₂ N ₁₆ O ₁₀
IUPAC Name	(E)-but-2-enedioic acid;6-ethyl-3-[3-methoxy-4-[4-(4-methylpiperazin-1-yl)piperidin-1-yl]anilino]-5-(oxan-4-ylamino)pyrazine-2-carboxamide
InChI	InChI=1S/2C29H44N8O3.C4H4O4/c2*1-4-23-28(31-20-9-17-40-18-10-20)34-29(26(33-23)27(30)38)32-21-5-6-24(25(19-21)39-3)37-11-7-22(8-12-37)36-15-13-35(2)14-16-36;5-3(6)1-2-4(7)8/h2*5-6,19-20,22H,4,7-18H2,1-3H3,(H2,30,38)(H2,31,32,34);1-2H,(H,5,6)(H,7,8)/b;;2-1+
InChI Key	UJOUWHLYTQFUCU-WXXKFALUSA-N
Canonical SMILES	CCC1=C(N=C(C(=N1)C(=O)N)NC2=CC(=C(C=C2)N3CCC(CC3)N4CCN(CC4)C)OC)NC5CCOCC5. CCC1=C(N=C(C(=N1)C(=O)N)NC2=CC(=C(C=C2)N3CCC(CC3)N4CCN(CC4)C)OC)NC5CCOCC5. C(=CC(=O)O)C(=O)O
Isomeric SMILES	CCC1=C(N=C(C(=N1)C(=O)N)NC2=CC(=C(C=C2)N3CCC(CC3)N4CCN(CC4)C)OC)NC5CCOCC5. CCC1=C(N=C(C(=N1)C(=O)N)NC2=CC(=C(C=C2)N3CCC(CC3)N4CCN(CC4)C)OC)NC5CCOCC5. C(=C/C(=O)O)\C(=O)O
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	Gilteritinib hemifumarate is used to target and inhibit FLT3, a receptor tyrosine kinase implicated in the progression of acute myeloid leukemia.
Storage	Store at -20°C, and keep desiccated.
