



Product Information

Integrin inhibitor, Firategrast, Purity $\geq 98\%$

Cat. No.: X24-08-YM284

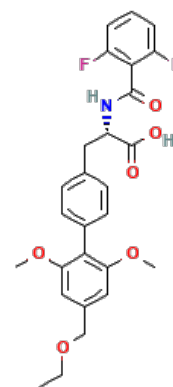
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 402567-16-2

Compound CID: 9935681

Synonym: 402567-16-2; SB-683699; SB683699;

(2S)-2-[(2,6-Difluorobenzoyl)amino]-3-[4-[4-(ethoxymethyl)-2,6-dimethoxyphenyl]phenyl]propanoic acid



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

Product Information

Description	Firategrast is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	499.51
Molecular Formula	C ₂₇ H ₂₇ F ₂ NO ₆
IUPAC Name	(2S)-2-[(2,6-Difluorobenzoyl)amino]-3-[4-[4-(ethoxymethyl)-2,6-dimethoxyphenyl]phenyl]propanoic acid
InChI	InChI=1S/C27H27F2NO6/c1-4-36-15-17-13-22(34-2)24(23(14-17)35-3)18-10-8-16(9-11-18)12-21(27(32)33)30-26(31)25-19(28)6-5-7-20(25)29/h5-11,13-14,21H,4,12,15H2,1-3H3,(H,30,31)(H,32,33)/t21-m/s1
InChI Key	YLFZHHDVRSYTKT-NRFANRHFSA-N
Canonical SMILES	CCOCC1=CC(=C(C(=C1)OC)C2=CC=C(C(=C2)CC(C(=O)O)NC(=O)C3=C(C(=CC=C3F)F)OC
Isomeric SMILES	CCOCC1=CC(=C(C(=C1)OC)C2=CC=C(C(=C2)C[C@@H](C(=O)O)NC(=O)C3=C(C(=CC=C3F)F)OC
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Firategrast is a cytoskeletal signaling inhibitor that can be studied extensively for its potential



therapeutic applications in the treatment of autoimmune diseases and inflammatory conditions by interfering with integrin-mediated adhesion and migration of leukocytes.

Storage

Store at -20°C, and keep desiccated.
