CD BioGlyco
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Product Information

Integrin inhibitor, Fradafiban, Purity ≥98%

Cat. No.: X24-08-YM306

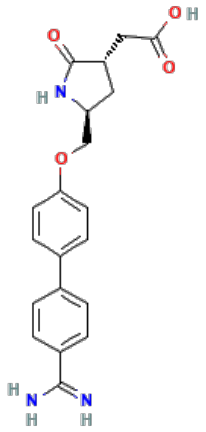
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 148396-36-5

Compound CID: 66000

Synonym: 148396-36-5; BIBU-52; BIBU52; BIBU 52; 2-[(3*S*,5*S*)-5-[[4-(4-Carbamimidoylphenyl)phenoxy]methyl]-2-oxopyrrolidin-3-yl]acetic acid

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



Product Information

Description	Fradafiban is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	367.4
Molecular Formula	$C_{20}H_{21}N_3O_4$
IUPAC Name	2-[(3*S*,5*S*)-5-[[4-(4-Carbamimidoylphenyl)phenoxy]methyl]-2-oxopyrrolidin-3-yl]acetic acid
InChI	InChI=1S/C20H21N3O4/c21-19(22)14-3-1-12(2-4-14)13-5-7-17(8-6-13)27-11-16-9-15(10-18(24)25)20(26)23-16/h1-8,15-16H,9-11H2,(H3,21,22)(H,23,26)(H,24,25)/t15-,16-/m0/s1
InChI Key	QCYAXXZCQKMTMO-QFIPXVFZSA-N
Canonical SMILES	CCOC(=O)C(CC1=CC=C(C=C1)NC2=NC=CC3=C2C=NC=C3)NC4=C(C(=O)C45CCCCC5)Br
Isomeric SMILES	CCOC(=O)[C@H](CC1=CC=C(C=C1)NC2=NC=CC3=C2C=NC=C3)NC4=C(C(=O)C45CCCCC5)Br
Form	Lyophilized powder
Purity	≥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	Fradafiban is a cytoskeletal signaling inhibitor that displays the significant potential to act as an effective anti-platelet agent to prevent thrombosis and cardiovascular events by inhibiting platelet aggregation.
Storage	Store at -20ºC, and keep desiccated.

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