>>**Entry Name: 3-[[4-[[4-(Aminoiminomethyl)phenyl]amino]-1,4-dioxobutyl]amino]-4-pentynoic acid,** 9CI

Related CAS Registry Numbers(s): 149727-64-0 149727-65-1 169237-79-0 169237-81-4 169275-97-2 169275-98-3

Molecular Formula: $C_{16}H_{18}N_4O_4$
Molecular Weight: 330.343
Accurate Mass: 330.132806
Percentage Composition: C 58.17%; H 5.49%; N 16.96%; O 19.37%
Use/Importance: Fibrinogen binding antagonist

>>**Variant:** (*S*)-form
Synonym(s): SC 54701A

CAS Registry Number: 149193-61-3
Molecular Formula: $C_{16}H_{18}N_4O_4$
Molecular Weight: 330.343
Accurate Mass: 330.132806
Percentage Composition: C 58.17%; H 5.49%; N 16.96%; O 19.37%
Other Data: Pharmacol. active isomer

>>**Derivative:** Hydrochloride

CAS Registry Number: 149177-89-9
Optical Rotation: $[\alpha]_D$ –33.7 (c, 1.45 in MeOH)

>>**Derivative:** Et ester
Synonym(s): Xemilofiban, INN**.** SC 54684A

CAS Registry Number: 149820-74-6

Molecular Formula: $C_{18}H_{22}N_4O_4$
Molecular Weight: 358.396
Accurate Mass: 358.164106
Percentage Composition: C 60.32%; H 6.19%; N 15.63%; O 17.86%
Use/Importance: Platelet aggregation inhibitor, glycoprotein receptor GP IIb/IIIa antagonist. Antithrombotic agent
Development Status: In clinical trials (1996)
Other Data: Prodrug of parent acid

>>**Derivative:** Et ester, hydrochloride
Synonym(s): Xemilofiban hydrochloride, USAN

CAS Registry Number: 156586-91-3

>>**Variant:** (±)-form

CAS Registry Number: 149251-13-8
Molecular Formula: $C_{16}H_{18}N_4O_4$
Molecular Weight: 330.343
Accurate Mass: 330.132806
Percentage Composition: C 58.17%; H 5.49%; N 16.96%; O 19.37%
Physical Description: Solid (as trifluoroacetate)

>>**Derivative:** Et ester

CAS Registry Number: 149193-59-9
Physical Description: Solid (as trifluoroacetate)

References:

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