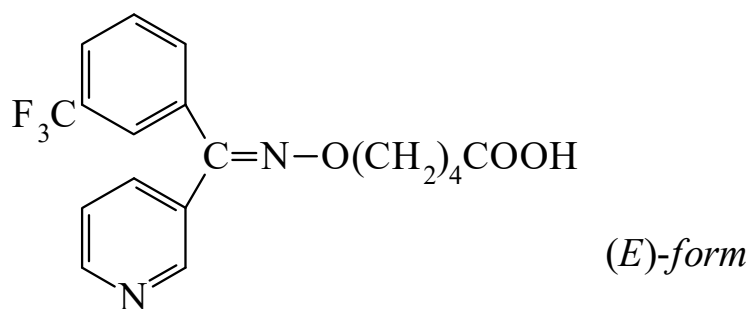




>>Entry Name: **Ridogrel**, BAN, INN, USAN

Synonym(s): 5-[[[3-Pyridinyl[3-(trifluoromethyl)phenyl]methylene]amino]oxy]pentanoic acid, 9Cl. R 68070



Molecular Formula: C₁₈H₁₇F₃N₂O₃

Molecular Weight: 366.339

Accurate Mass: 366.119127

Percentage Composition: C 59.02%; H 4.68%; F 15.56%; N 7.65%; O 13.10%

Use/Importance: Thromboxane/endoperoxide receptor antagonist; thromboxane synthetase inhibitor. Blood platelet aggregation inhibitor. Haemostatic agent

>>Variant: (*E*)-form

CAS Registry Number: 110140-89-1

Molecular Formula: C₁₈H₁₇F₃N₂O₃

Molecular Weight: 366.339

Accurate Mass: 366.119127

Percentage Composition: C 59.02%; H 4.68%; F 15.56%; N 7.65%; O 13.10%

Physical Description: Cryst.

Melting Point: Mp 70.3°

Other Data: Pharmacol. active isomer

>>Variant: (*Z*)-form

CAS Registry Number: 110141-09-8

Molecular Formula: C₁₈H₁₇F₃N₂O₃

Molecular Weight: 366.339

Accurate Mass: 366.119127

Percentage Composition: C 59.02%; H 4.68%; F 15.56%; N 7.65%; O 13.10%

Melting Point: Mp 84.7°

References:

Eur. Pat., 1987, *Janssen*, 221 601; *CA*, **107**, 115497, (*synth, pharmacol*)

DeClerck, F. *et al.*, *Prog. Clin. Biol. Res.*, 1989, **301**, 567, (*rev*)

Hoet, B. *et al.*, *Blood*, 1990, **75**, 646, (*pharmacol*)

Janssens, W.J. *et al.*, *Thromb. Haemostasis*, 1990, **64**, 91, (*pharmacol*)