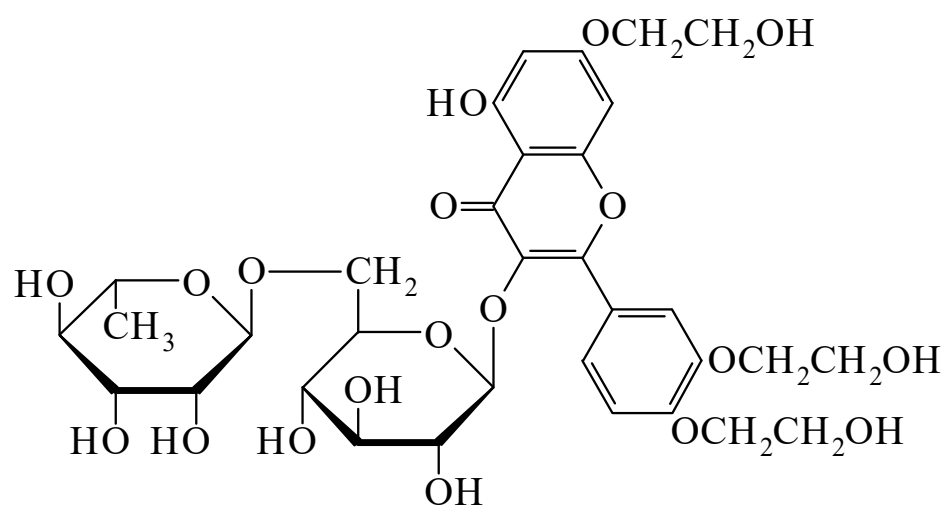




>>Entry Name: Troxerutin, BAN, INN

Synonym(s): 2-[3,4-Bis(2-hydroxyethoxy)phenyl]-3-[[6-*O*-(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-5-hydroxy-7-(2-hydroxyethoxy)-4*H*-1-benzopyran-4-one, 9Cl. 3,5-Dihydroxy-3',4',7-tris(2-hydroxyethoxy)flavone 3-[6-*O*-(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranoside], 8Cl. Vitamin P₄. Posorutin. Ruven. Veinamitol. Many other names



CAS Registry Number: 7085-55-4

Molecular Formula: C₃₃H₄₂O₁₉

Molecular Weight: 742.683

Accurate Mass: 742.232035

Percentage Composition: C 53.37%; H 5.70%; O 40.93%

Use/Importance: Used for venous disorders (haemorrhoids)

Physical Description: Yellow powder

Melting Point: Mp 181°

Solubility: Insol. EtOH

Fluka: 91950

>>Derivative: Mixture

Synonym(s): Oxerutins. Factor P-Zyma. Parovan. Relvene. Venoruten. Verutil

Physical Description: Yellow powder

Melting Point: Mp 156°

References:

U.K. Pat., 1960, 833 174; *CA*, **54**, 21135i

Courbat, P. *et al.*, *Helv. Chim. Acta*, 1966, **49**, 1203; 1420, (*isol. struct*)

Mucharska, A., *Farm. Pol.*, 1971, **27**, 149; *CA*, **75**, 80315t, (*chromatog*)

Tomas, F. *et al.*, *An. Quim.*, 1973, **69**, 357; *CA*, **79**, 57730y, (*uv*)

Ger. Pat., 1973, 2 320 858; *CA*, **80**, 30699d

Hackett, A.M. *et al.*, *Arzneim.-Forsch.*, 1976, **26**, 925, (*metab*)

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 6th edn., Akademie-Verlag, 1987, 7996, (*synonyms*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 1342