



>>Entry Name: Saralasin, BAN, INN

Synonym(s): 1-(N-Methylglycine)-5-L-valine-8-L-alanineangiotensin II, 9CI

CAS Registry Number: 34273-10-4

Related CAS Registry Numbers(s): 54194-01-3

Sar-Arg-Val-Tyr-Val-His-Pro-Ala

Molecular Formula: C₄₂H₆₅N₁₃O₁₀

Molecular Weight: 912.057

Accurate Mass: 911.497737

Percentage Composition: C 55.31%; H 7.18%; N 19.96%; O 17.54%

Use/Importance: Angiotensin receptor antagonist. Peptide used for diagnosis of hypertension

Other Data: Used as acetate salt

Sigma: A2275

>>Derivative: Acetate (1:x)

Synonym(s): Saralasin acetate, USAN. Sarenin. Yovenia. P 113

CAS Registry Number: 39698-78-7

Physical Description: Fluffy powder + xH₂O

Melting Point: Mp 256°

Optical Rotation: [α]_D −80.1 (c, 0.25 in 1M AcOH)

References:

Ger. Pat., 1972, 2 127 393; *CA*, **77**, 140530n

Schoelkens, B.A. *et al.*, *Hoppe Seyler's Z. Physiol. Chem.*, 1976, **357**, 825, (*synth, pharmacol*)

Huang, C.T. *et al.*, *Pharmacol. Biochem. Prop. Drug Subst.*, 1981, **3**, 176, (*rev*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 902

Moore, A.F. *et al.*, *Drug Dev. Res.*, 1984, **4**, 331, (*rev, pharmacol*)