General Properties

Valsartan (powder)

Description	White or almost white, hygroscopic powder
Solubility	Practically insoluble in water, freely soluble in anhydrous ethanol, sparingly soluble in methylene chloride.
Water Determination	NMT 2.0%
Assay	98.0 to 102.0%
Residual Solvents	OK
Impurities	
Residue on Ignition	NMT 0.1 %
Compound A	NMT 1.0 %
Compound B	NMT 0.2 %
Compound C	NMT 0.1 %
Any other individual impurity	NMT 0.1 %
Total impurities	NMT 0.3 %
NDMA	< 0.3 ppm
NDEA	< 0.08 ppm
Packaging	20 kg in double polyethylene bags in each carton box
Storage	Preserve in tight container store below 30°C and dry place
Shelf Life	24months

The reported expanded uncertainty is based on a standard uncertainty multiplied by coverage factor K=2, providing a coverage probability of 95%.

IUPAC Name: (S)-3-methyl-2-(N-{[2'-(2H-1,2,3,4-tetrazol-5-yl)biphenyl-4-yl]methyl}pentanamido) butanoic acid

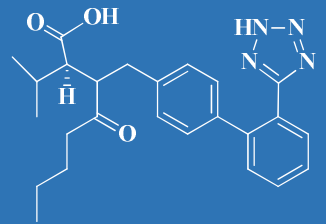
Molecular Weight: 435.52

Molecular Formula: $C_{24}H_{29}N_5O_3$

Cas registry NO.: [137862-53-4]

Application: Valsartan is used to treat high blood pressure, congestive heart failure, and to reduce death for people with left ventricular dysfunction after having had a heart attack

Structure



The Referred Material Complies with BP & USP