
Product Data Sheet

Product Name: Olmesartan medoxomil impurity C
Cat. No.: GC61153

Chemical Properties

Cas. No. 879562-26-2

SMILES O=C(C1=C(C(C)=C)N=C(CCC)N1CC2=CC=C(C3=CC=CC=C3C4=NNN=N4)C=C2)OCC5=C(C)OC(O5)=O

Formula $C_{29}H_{28}N_6O_5$ M.Wt 540.57

Solubility Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for tips a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition request.

Structure

Background

Olmesartan medoxomil impurity C is an Olmesartan medoxomil impurity. Olmesartan medoxomil is a potent and selective angiotensin AT1 receptor inhibitor with IC50 of 66.2 μM.

[1]. Senda A, et al. Effects of Angiotensin II Receptor Blockers on Metabolism of Arachidonic Acid via CYP2C8. Biol Pharm Bull. 2015;38(12):1975-9. [2]. Shah S, et al. Simultaneous Quantitative Analysis of Olmesartan Medoxomil and Amlodipine Besylate in Plasma by High-performance Liquid Chromatography Technique. J Young Pharm. 2012 Apr;4(2):88-94.

Caution: Product has not been fully validated for medical applications. For research use only.

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