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**Product Data Sheet**

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Product Name: Dehydro Olmesartan

Cat. No.: GC60748

**Chemical Properties**

Cas. No. 172875-98-8

SMILES O=C(C1=C(C(C)=C)N=C(CCC)N1CC2=CC=C(C3=CC=CC=C3C4=NNN=N4)C=C2)OFormula  $C_{24}H_{24}N_6O_2$  M.Wt 428.49

Solubility Storage Store at -20°C

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

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

Structure **Background**

Dehydro Olmesartan is a derivative of Olmesartan. Olmesartan is an angiotensin II receptor (AT1R) antagonist and has the potential for high blood pressure study[1][2].

[1]. Yanagihara H, et al. Effects of telmisartan and olmesartan on insulin sensitivity and renal function in spontaneously hypertensive rats fed a high fat diet. J Pharmacol Sci. 2016 Jul;131(3):190-7. [2]. Tanno T, et al. Olmesartan Inhibits Cardiac Hypertrophy in Mice Overexpressing Renin Independently of Blood Pressure: Its Beneficial Effects on ACE2/Ang(1-7)/Mas Axis and NADPH Oxidase Expression. J Cardiovasc Pharmacol. 2016 Jun;67(6):503-9.

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

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