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**Product Data Sheet**

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Product Name: (Rac)-5-Keto Fluvastatin

Cat. No.: GC61548

**Chemical Properties**

Cas. No. 1160169-39-0

SMILES O=C(O)CC(O)CC(/C=C/C(N1C(C)C)=C(C2=CC=C(F)C=C2)C3=C1C=CC=C3)=OFormula  $C_{24}H_{24}FNO_4$  M.Wt 409.45

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**

(Rac)-5-Keto Fluvastatin (3-Hydroxy-5-Keto Fluvastatin) is an impurity of Fluvastatin (XU 62320). Fluvastatin is a HMG-CoA reductase inhibitor with an IC50 of 8 nM[1].

[1]. AraÚjo FA, Rocha MA, Capettini LS, et al. 3-Hydroxy-3-methylglutaryl coenzyme A reductase inhibitor (fluvastatin) decreases inflammatory angiogenesis in mice. APMIS. 2012 24. [Epub ahead of print]

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

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