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## Product Data Sheet

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Product Name: 3-O-Methyltolcapone D7

Cat. No.: GC66369

### Chemical Properties

Cas. No.

Formula  $C_{15}H_6D_7NO_5$  M.Wt 294.31

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

3-O-Methyltolcapone D7 (Ro 40-7591 D7) is a deuterium labeled 3-O-Methyltolcapone. 3-O-Methyltolcapone is a metabolite of Tolcapone. Tolcapone is an orally active, reversible, selective and potent **COMT** inhibitor. Tolcapone crosses the blood-brain barrier, and can be used for treatment of Parkinson's disease<sup>[1][2]</sup>.

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

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