

---

**Product Data Sheet**

---

Product Name: Diacetolol D7

Cat. No.: GC60764

**Chemical Properties**

Cas. No. 1346604-19-0

SMILES CC(NC1=CC=C(OCC(O)CNC(C([2H])([2H])[2H])([2H])C([2H])([2H])[2H])C(C(C)=O)=C1)=OFormula C<sub>16</sub>H<sub>17</sub>D<sub>7</sub>N<sub>2</sub>O<sub>4</sub> M.Wt 315.42

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**

Diacetolol D7 is a deuterium labeled Diacetolol. Diacetolol is the major metabolite of Acebutolol. Diacetolol is a  $\beta$ -adrenoceptor blocking and anti-arrhythmic agent[1].

[1]. Basil B, et al. Pharmacological properties of diacetolol (M & B 16,942), a major metabolite of acebutolol. Eur J Pharmacol. 1982 May 7;80(1):47-56.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA