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**Product Data Sheet**

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Product Name: N-Desmethylnefopam D5 hydrochloride

Cat. No.: GC63100

**Chemical Properties**

Cas. No.

Formula C<sub>16</sub>H<sub>13</sub>D<sub>5</sub>ClNO

M.Wt

280.8

Solubility

Storage

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**

N-Desmethylnefopam D5 hydrochloride is a deuterium labeled N-Desmethylnefopam hydrochloride. N-Desmethylnefopam hydrochloride is the main metabolite of Nefopam. N-Desmethylnefopam hydrochloride is a centrally-acting but non-opioid analgesic agent, for the relief of moderate to severe pain[1].

[1]. Mittur A. A Simultaneous Mixed-Effects Pharmacokinetic Model for Nefopam, N-desmethylnefopam, and Nefopam N-Oxide in Human Plasma and Urine. Eur J Drug Metab Pharmacokinet. 2018 Aug;43(4):391-404.

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

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