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**Product Data Sheet**

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Product Name: Phenylethanolamine A-d3

Cat. No.: GC68407

**Chemical Properties**

Cas. No. 2507994-61-6

Formula  $C_{19}H_{21}D_3N_2O_4$  M.Wt 347.42

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**

Phenylethanolamine A-D3 is a deuterium labeled Phenylethanolamine A. Phenylethanolamine A acts as a  $\beta$ -adrenergic agonist. Phenylethanolamine A is a byproduct during the Ractopamine synthesis process<sup>[1]</sup>.

[1]. Mingxin Li, et al. Ultrasensitive and Quantitative Detection of a New  $\beta$ -agonist Phenylethanolamine A by a Novel Immunochromatographic Assay Based on Surface-Enhanced Raman Scattering (SERS). J Agric Food Chem. 2014 Nov 12;62(45):10896-902.

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

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