



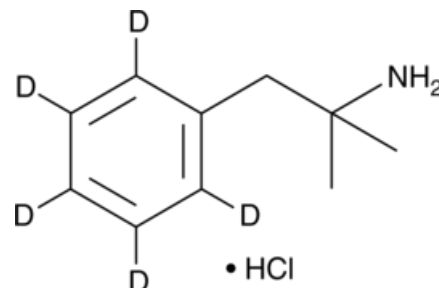
## Phentermine-d<sub>5</sub> (hydrochloride) (CRM)

Cat No: ISO60199 - 1 mg

### General Data

**Shipping:** dry ice

**Formulation:** A 1 mg/ml solution in methanol



**Special advice:** Reference Materials RMs and Certified Reference Materials CRMs are dispatched directly to the end-user in accordance with ISO requirements. Please check regulation status before ordering; additional fees can apply.

### Product Overview

Phentermine-d<sub>5</sub> (CRM) is intended for use as an internal standard for the quantification of phentermine (Item No. ISO60198) by GC- or LC-mass spectrometry. Phentermine is an  $\alpha$ -methylated amphetamine that activates trace amine associated receptor 1 (TAAR1, EC<sub>50</sub> = 5.47  $\mu$ M).{29687} It potently stimulates the release of norepinephrine (IC<sub>50</sub> = 39.4 nM), with less effect on the release of dopamine and serotonin (IC<sub>50</sub>s = 262 and 3,511 nM, respectively).{26354} Primarily through these actions, phentermine suppresses appetite and augments fat metabolism, supporting usefulness in ameliorating obesity.{20495,29688}

FP/05/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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