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**Product Data Sheet**

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Product Name: AMOZ-d5  
Cat. No.: GC67986

**Chemical Properties**

Cas. No. 1017793-94-0

Formula  $C_8H_{10}D_5N_3O_3$  M.Wt 206.25

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**

AMOZ-d5 is a deuterium labeled AMOZ. AMOZ, a tissue bound metabolite of Furaltadone, Furaltadone is a synthetic nitrofurantoin antibiotic widely used<sup>[1]</sup>.

[1]. UmapornPimpitak, et al. Development of a monoclonal antibody-based enzyme-linked immunosorbent assay for detection of the furaltadone metabolite, AMOZ, in fortified shrimp samples. Food Chemistry. Volume 116, Issue 3, 1 October 2009, Pages 785-791.

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

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