

Product Data Sheet

Product Name: 2-NP-AMAZ-d5

Cat. No.: GC70764

Chemical Properties

Cas. No. 1173097-59-0

Formula $C_{15}H_{13}D_5N_4O_5$

M.Wt 339.36

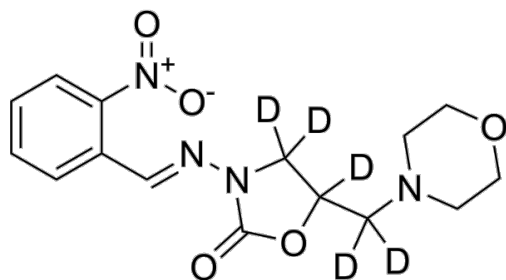
Solubility

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

2-NP-AMAZ-d5 is deuterium labeled 2-NP-AMAZ. 2-NP-AMAZ is a 2-nitrophenyl derivative of AMAZ (a metabolite of antibiotic Furaltadone), can be used to detect protein bound AMAZ[1].

References:

[1]. Sheu SY, et, al. Development of a competitive ELISA for the detection of a furaltadone marker residue, 3-amino-5-morpholinomethyl-2-oxazolidinone (AMAZ), in cultured fish samples. J Vet Med Sci. 2012 Nov;74(11):1439-46.

[2]. Li Z, et, al. Simultaneous detection of four nitrofurantoin metabolites in honey by using a visualized

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

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microarray screen assay. Food Chem. 2017 Apr 15;221:1813-1821.

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