

3-Hydroxyhippuric acid-d4

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	3-Hydroxyhippuric acid-d4 is the deuterium-labeled analogue of 3-Hydroxyhippuric acid. This compound is an acyl glycine, known for its ability to inhibit kynureninase in dogs with a K_i value of 60 μM . Higher concentrations of 3-Hydroxyhippuric acid have been observed in the experimental group with autism compared to the control group. It serves as a biomarker for Clostridia, showing a positive correlation with its levels. Additionally, 3-Hydroxyhippuric acid is a primary metabolite of catechin and wine polyphenol diets.
Targets(IC50)	Endogenous Metabolite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481