

Product Data Sheet

Product Name: Olsalazine-d 6

Cat. No.: GC79874

Chemical Properties

Cas. No.

Formula $C_{14}H_4D_6N_2O_6$ M.Wt 308.28

Solubility DMSO: 12.5 mg/mL (40.55 mM; Need ultrasonic) Storage Store at -20°C, protect from light

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.

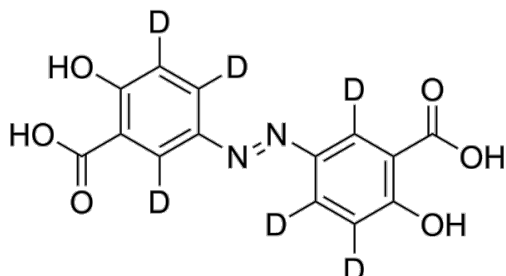
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Olsalazine -d 6 is the deuterium labeled Olsalazine. Olsalazine is an orally active prodrug of 5-ASA. Olsalazine can inhibit cells proliferation and induce apoptosis. Olsalazine can reduce DAI and MPO activity and inhibit inflammatory cytokines levels. Olsalazine can be used for the researches of cancer, inflammation and metabolic disease, such as colorectal cancer, inflammatory bowel disease (IBD) and hyperuricemic.

In Vitro, Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs.

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