Fenbufen-d9

BIOLOGICAL ACTIVITY

| Cat. No.: | HY-B1138S | |
|--------------------|---|------------|
| CAS No.: | 1189940-96-2 | D |
| Molecular Formula: | $C_{16}H_{5}D_{9}O_{3}$ | |
| Molecular Weight: | 263.34 | |
| Target: | COX; Caspase; Isotope-Labeled Compounds | |
| Pathway: | Immunology/Inflammation; Apoptosis; Others | D Y Y Y OH |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. | |

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

[2]. A E Sloboda, et al. The pharmacological properties of fenbufen. A review. Arzneimittelforschung. 1980;30(4A):716-21.

[3]. R G Child, et al. Fenbufen, a new anti-inflammatory analgesic: synthesis and structure-activity relationships of analogs, J Pharm Sci. 1977 Apr;66(4):466-76.

[4]. A E Sloboda, et al. The pharmacology of fenbufen, 3-(4-biphenylylcarbonyl)propionic acid, and 4-biphenylacetic acid, interesting antiinflammatory-analgesic agents. Inflammation. 1976 Dec;1(4):415-38.

[5]. Asif Husain, et al. Fenbufen based 3-[5-(substituted aryl)-1,3,4-oxadiazol-2-yl]-1-(biphenyl-4-yl)propan-1-ones as safer antiinflammatory and analgesic agents. Eur J Med Chem . 2009 Sep;44(9):3798-804.

[6]. Christina E Smith, et al. Non-steroidal Anti-inflammatory Drugs Are Caspase Inhibitors. Cell Chem Biol. 2017 Mar 16;24(3):281-292.

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

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Product Data Sheet

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