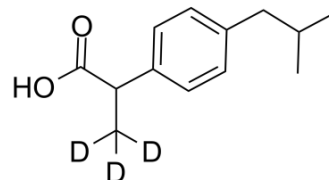


## Ibuprofen D3

Cat. No.:	HY-78131S
CAS No.:	121662-14-4
Molecular Formula:	C <sub>13</sub> H <sub>15</sub> D <sub>3</sub> O <sub>2</sub>
Molecular Weight:	209.3
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ibuprofen D3 is a deuterium labeled Ibuprofen. Ibuprofen is a COX-1 and COX-2 inhibitor with IC<sub>50</sub>s of 13 μM and 370 μM<sup>[1]</sup>.

### REFERENCES

[1]. Noreen Y, et al. Development of a radiochemical cyclooxygenase-1 and -2 in vitro assay for identification of natural products as inhibitors of prostaglandin biosynthesis. J Nat Prod. 1998 Jan;61(1):2-7.

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

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