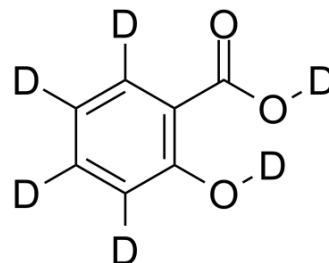


Salicylic acid-D6

Cat. No.:	HY-B0167S
CAS No.:	285979-87-5
Molecular Formula:	C ₇ D ₆ O ₃
Molecular Weight:	144.16
Target:	COX; Autophagy; Mitophagy; Apoptosis
Pathway:	Immunology/Inflammation; Autophagy; Apoptosis
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description Salicylic acid-D6 (2-Hydroxybenzoic acid-D6) is a deuterium labeled Salicylic acid. Salicylic acid inhibits cyclo-oxygenase-2 (COX-2) activity independently of transcription factor (NF-κB) activation^[1].

IC₅₀ & Target	COX-2	Autophagy	Mitophagy	Apoptosis
-------------------------------------	-------	-----------	-----------	-----------

REFERENCES

[1]. Mitchell JA, et al. Sodium salicylate inhibits cyclo-oxygenase-2 activity independently of transcription factor (nuclear factor kappaB) activation: role of arachidonic acid. *Mol Pharmacol.* 1997 Jun;51(6):907-12.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA