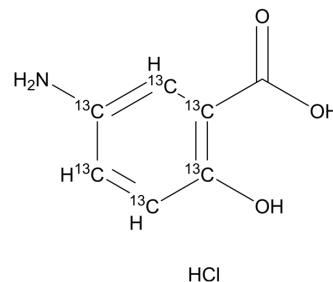


5-Aminosalicylic acid-¹³C₆ hydrochloride

Cat. No.:	HY-143704S
CAS No.:	1261398-47-3
Molecular Formula:	C ¹³ ₆ H ₈ ClNO ₃
Molecular Weight:	195.55
Target:	PPAR; NF-κB; PAK
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; NF-κB; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5-Aminosalicylic acid-13C6 hydrochloride (Mesalamine-13C6 hydrochloride; 5-ASA-13C6 hydrochloride; Mesalazine-13C6 hydrochloride) is the 13C labeled 5-Aminosalicylic Acid hydrochloride. 5-Aminosalicylic acid-13C6 hydrochloride acts as a PPAR γ agonist, and also inhibits p21-activated kinase 1 (PAK1) and NF- κ B^{[1][2][3]}.

REFERENCES

- [1]. Dammann K, et al. PAK1 modulates a PPAR γ /NF- κ B cascade in intestinal inflammation. *Biochim Biophys Acta*. 2015;1853(10 Pt A):2349-2360.
- [2]. Rousseaux C, et al. The 5-aminosalicylic acid antineoplastic effect in the intestine is mediated by PPAR γ . *Carcinogenesis*. 2013;34(11):2580-2586.
- [3]. Fang HM, et al. 5-aminosalicylic acid in combination with nimesulide inhibits proliferation of colon carcinoma cells in vitro. *World J Gastroenterol*. 2007;13(20):2872-2877.

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

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