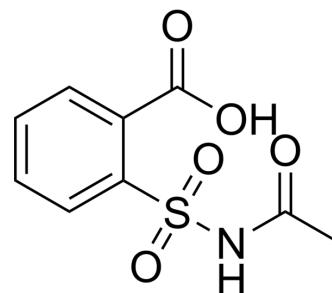


N-Acetyl-2-carboxybenzenesulfonamide

Cat. No.:	HY-134996
CAS No.:	849067-18-1
Molecular Formula:	C ₉ H ₉ NO ₅ S
Molecular Weight:	243.24
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-Acetyl-2-carboxybenzenesulfonamide is an orally active COX-1 and COX-2 inhibitor with IC ₅₀ s of 0.06 μM and 0.25 μM, respectively. N-Acetyl-2-carboxybenzenesulfonamide shows anti-inflammatory activity ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.06 μM (COX-1), 0.25 μM (COX-2) ^[1]

REFERENCES

[1]. Chen QH, et al. Design, synthesis, and biological evaluation of N-acetyl-2-carboxybenzenesulfonamides: a novel class of cyclooxygenase-2 (COX-2) inhibitors. *Bioorg Med Chem.* 2005 Apr 1;13(7):2459-68.

[2]. Chen QH, et al. Design, synthesis, and biological evaluation of N-acetyl-2-carboxybenzenesulfonamides: a novel class of cyclooxygenase-2 (COX-2) inhibitors. *Bioorg Med Chem.* 2005 Apr 1;13(7):2459-68.

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

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