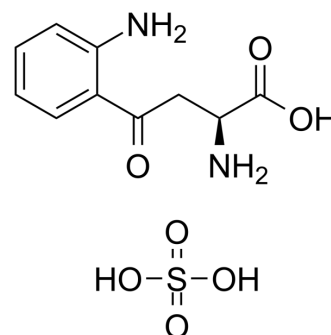


L-Kynurenine sulfate

Cat. No.:	HY-104026B
CAS No.:	16055-80-4
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₇ S
Molecular Weight:	306.29
Target:	Endogenous Metabolite; Aryl Hydrocarbon Receptor
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	L-Kynurenine sulfate, an aryl hydrocarbon receptor (AHR) agonist that activates AHR-directed, naive T cell polarization to the anti-inflammatory Treg phenotype ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- ACS Nano. 2020 Nov 25.
- Nat Commun. 2022 Sep 26;13(1):5644.
- J Exp Clin Cancer Res. 2023 Mar 1;42(1):52.
- J Anim Sci Biotechnol. 2023 Aug 5;14(1):111.
- PLoS Pathog. 2020 Jul 17;16(7):e1008664.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Benjamin J Moyer, et al. Inhibition of the aryl hydrocarbon receptor prevents Western diet-induced obesity. Model for AHR activation by kynurenine via oxidized-LDL, TLR2/4, TGFβ, and IDO1. Toxicol Appl Pharmacol. 2016 Jun 1;300:13-24.

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

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