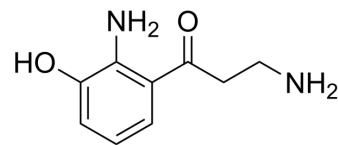


3-OH-Kynurenamine

Cat. No.:	HY-156908
CAS No.:	99362-47-7
Molecular Formula:	C ₉ H ₁₂ N ₂ O ₂
Molecular Weight:	180.2
Target:	Aryl Hydrocarbon Receptor
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3-OH-Kynurenamine is a lateral metabolite in Tryptophan (HY-N0623) metabolism. 3-OH-Kynurenamine induces a concentration-dependent AhR activation, around 6.5 times higher than L-kynurenine (HY-104026). 3-OH-Kynurenamine confers immunosuppressive properties on dendritic cells (DCs). 3-OH-Kynurenamine can be used for psoriasis research ^[1] .
In Vivo	3-OH-Kynurenamine (50 mg/kg, ip, daily, for 7 days) decreases clinical and histological manifestation of psoriasis, and attenuates nephrotoxic nephritis (NTN) in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Laura SANTAMBROGIO. Immunoregulatory role of 3-oh-kynurenamine and uses thereof. Patent, WO2019178013A1.

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