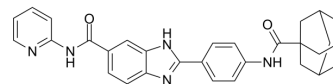


AVP-13358

Cat. No.:	HY-165484
CAS No.:	459805-03-9
Molecular Formula:	C ₃₀ H ₂₉ N ₅ O ₂
Molecular Weight:	491.58
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	<p>AVP-13358 is an orally active IgE inhibitor that effectively suppresses immunoglobulin E (IgE)-mediated immune responses, with IC₅₀ values of 8 and 3 nM for IgE inhibition in vivo and in vitro in BALB/c mice, respectively. AVP-13358 acts directly on T cells, inhibiting the production and release of IL-4, IL-5, and IL-13. It also targets other markers critical for the development of allergic responses, including the B cell IgE receptor (CD23) in human monocytes and the CD23 and IL-4 receptors in mouse B cells. AVP-13358 can be used in research related to anti-allergic responses^[1].</p>		
IC ₅₀ & Target	IL-5	IL-13	IL-4

REFERENCES

[1]. Richards ML, et al. Novel 2-(substituted phenyl)benzimidazole derivatives with potent activity against IgE, cytokines, and CD23 for the treatment of allergy and asthma. J Med Chem. 2004 Dec 16;47(26):6451-4.

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

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