

Product Information

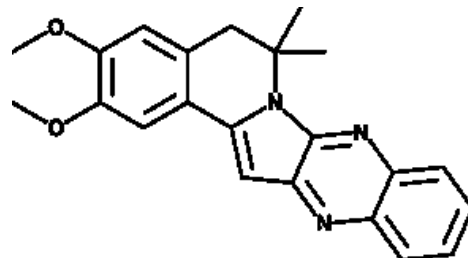


YM-90709

Cat No: 23448 - 5 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥98%



Product Overview

YM-90709 is a competitive antagonist of the interleukin-5 (IL-5) receptor that has IC₅₀ values of 1 and 0.57 μ M for peripheral human eosinophils and eosinophilic HL-60 clone 15 cells, respectively, in a radioligand binding assay.^{40323} It inhibits IL-5-induced eosinophil survival (IC₅₀ = 0.45 μ M) and JAK2 phosphorylation in vitro. YM-90709 inhibits eosinophil and lymphocyte infiltration (ED₅₀s = 0.32 and 0.12 mg/kg, respectively) into the bronchoalveolar lavage fluid (BALF) of rats and eosinophil infiltration (ED₅₀ = 0.05 mg/kg) into the BALF of mice in models of airway inflammation.^{40324,40325}

FP/13/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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