

# Product Information

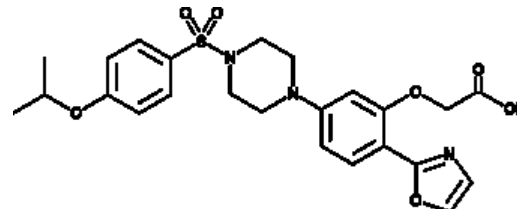


## Asapiprant

Cat No: 30008 - 1 mg

### General Data

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



### Product Overview

Asapiprant is an antagonist of the prostaglandin D1 (PGD1) receptor (DP1;  $K_i = 0.44$  nM).{50862} It is selective for DP1 over DP2, as well as the thromboxane A2 (TXA2), prostaglandin I2 (PGI2), and prostaglandin E1-4 (PGE1-4) receptors ( $K_{is} = >5,000, >4,800, >6,300,$  and  $120->6,600$  nM, respectively). Asapiprant (1 and 3 mg/kg) reduces PGD2-induced increases in nasal resistance in a guinea model of allergic rhinitis. It reduces nasal secretion, when administered at doses of 3 and 30 mg/kg, and antigen-induced cell infiltration in nasal lavage fluids, when administered at 3 and 10 mg/kg, in a guinea pig model of allergic rhinitis induced by ovalbumin. Asapiprant (10 mg/kg) also decreases airway hyperresponsiveness, inflammatory cell infiltration in bronchoalveolar lavage fluid (BALF), and mucin production in a rat model of ovalbumin-induced asthma.

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