

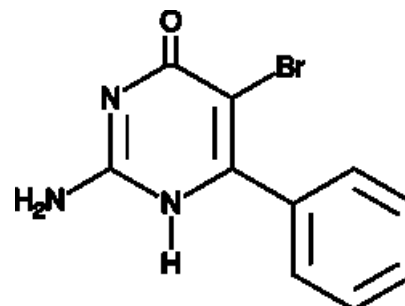


## Bropirimine

Cat No: 29440 - 5 mg

### General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥95%



### Product Overview

Bropirimine is an immunomodulator with diverse biological activities.<sup>{45710,45711,45712,45713}</sup> It is a toll-like receptor 7 (TLR7) agonist that inhibits RANKL-induced osteoclast differentiation of murine bone marrow-derived macrophages (BMDMs) in a concentration-dependent manner, an effect that is reversed by an anti-IFN- $\beta$  antibody.<sup>{45710}</sup> Dietary administration of bropirimine (200 mg/kg twice per week) prevents development of transitional cell carcinomas (TCCs) in a mouse model of carcinogen-induced bladder carcinoma.<sup>{45711}</sup> Bropirimine (100 mg/kg) reduces pulmonary collagen accumulation and bronchoalveolar lavage fluid (BALF) monocyte and eosinophil infiltration in a hamster model of bleomycin-induced lung fibrosis.<sup>{45712}</sup> It also delays disease onset and progression and increases plasma IFN levels in a mouse model of experimental autoimmune encephalomyelitis (EAE).<sup>{45713}</sup>

FP/05/24

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Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac  
10 bis avenue Ampère  
78180 Montigny le Bretonneux - France

Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>

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