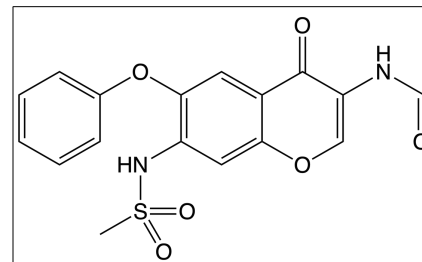




Product Information

Product ID I265822
CAS No. 123663-49-0
Chemical Name N-[7-(methanesulfonamido)-4-oxo-6-phenoxychromen-3-yl]formamide
Synonym T-614, T614, IGU
Formula C₁₇H₁₄N₂O₆S
Formula Wt. 374.4
Melting Point
Purity ≥98%
Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
I265822	25 mg	\$125.00
I265822	100 mg	\$320.00
I265822	500 mg	\$725.00

Store Temp 4°C
Ship Temp Ambient

Description Iguratimod is a selective inhibitor of COX-2 exerting anti-inflammatory and immunomodulatory functions. It has been shown to inhibit the progression of renal fibrosis in a mouse model. It was also found to reduce bone erosion experienced in rheumatoid arthritis.

References Xu H, Ma K, Ma Z, et al. Iguratimod improves bleomycin-induced pulmonary inflammation and fibrosis by regulating macrophage polarization through inhibiting the TLR4/NF-κB pathway. *Front Immunol.* 2025 Mar 13;16:1558903. PMID: 40181990.

Zhou Y, Li Z, Yu S, et al. Iguratimod prevents renal fibrosis in unilateral ureteral obstruction model mice by suppressing M2 macrophage infiltration and macrophage-myofibroblast transition. *Ren Fail.* 2024 Dec;46(1):2327498. PMID: 38666363.

Bloom J, Pantouris G, He M, et al. Iguratimod, an allosteric inhibitor of macrophage inhibitory factor (MIF), prevents mortality and oxidative stress in a murine model of acetaminophen overdose. *Mol Med.* 2024 Mar 27;30(1):43. PMID: 38539088.

Chen J, Che Q, Kou Y, et al. A novel drug combination of tofacitinib and iguratimod alleviates rheumatoid arthritis and secondary osteoporosis. *Int Immunopharmacol.* 2023 Nov;124(Pt B):110913. PMID: 37717316.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.