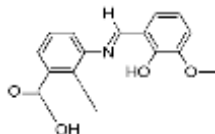


**PRODUCT: TLR2-IN-C29****ALTERNATE NAMES:** 3-[[[(2-Hydroxy-3-methoxyphenyl)methylene]amino]-2-methylbenzoic acid; TLR2 inhibitor C29**CATALOG NUMBER:** B2121-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>15</sub>NO<sub>4</sub>**MOLECULAR WEIGHT:** 285.29**CAS NUMBER:** 363600-92-4**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** TLR2-IN-C29 is an inhibitor of TLR2/1 and TLR2/6 signaling. It is induced by synthetic and bacterial TLR2 agonists in human HEK-TLR2 and THP-1 cells, but only TLR2/1 signaling in murine macrophages. It prevents the early activation of TLR2-mediated signaling, including NF-κB and MAPKs, as well as MyD88 recruitment to TLR2 in THP-1 cells.**REFERENCE:** Mistry, P., *et al.* (2015). *Proc Natl Acad Sci USA*, **112**, 5455-60.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Gardiquimod (**Cat. No. 1996-5, 25**)Imiquimod (**Cat. No. 1698-100**)Motolimod (**Cat. No. B1594-5,25**)Pam3Cys-Ser(Lys)<sub>4</sub>, TriHCl (**Cat. No. 1700-100**)Resiquimod (**Cat. No. 1699-5**)TLR1 Antibody (**Cat. No. 3446-100**)TLR2 Antibody (**Cat. No. 3552R-100**)TLR2 Antibody (Clone BV31-9)(**Cat. No. 3569-100**)TLR3 Antibody (**Cat. No. 3445R-100**)TLR4 Antibody (**Cat. No. 3251-100**)TLR4 Antibody (**Cat. No. 3253-100**)TLR5 Antibody (**Cat. No. 3555R-100**)TLR7 Antibody (**Cat. No. 3557-100**)TLR8 Antibody (Clone 44B05) (**Cat. No. 3558-100**)TLR8 Antibody (**Cat. No. 3558R-100**)TLR9 Antibody (**Cat. No. 3559R-100**)TLR10 Antibody (**Cat. No. 3932-100**)TLR11 Antibody (**Cat. No. 3931-100**)TLR2-IN-C29 (**Cat. No. B2121-5,25**)**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**