

Product Name:	Indomethacin morpholinylamide
Product Number:	I039
CAS Number:	2854-32-2
Molecular Formula:	$C_{23}H_{23}ClN_2O_4$
Molecular Weight:	426.89
Description:	Indomethacin morpholinylamide (BML-190) is an aminoalkylindole ligand that is highly selective for cannabinoid CB ₂ receptor. It has demonstrated its ability to mediate lipopolysaccharide-stimulated inflammation. In addition, similar CB ₂ receptor agonists have been investigated for their ability to induce apoptosis.
References:	<p>New, D. C., & Wong, Y. H. (2003). BML-190 and AM251 act as inverse agonists at the human cannabinoid CB₂ receptor: Signalling via cAMP and inositol phosphates. <i>FEBS Letters</i>, 536(1-3), 157-160. doi:10.1016/s0014-5793(03)00048-6</p> <p>Zhang, Q., Ma, P., Cole, R. B., & Wang, G. (2010). In vitro metabolism of indomethacin morpholinylamide (BML-190), an inverse agonist for the peripheral cannabinoid receptor (CB₂) in rat liver microsomes. <i>European Journal of Pharmaceutical Sciences</i>, 41(1), 163-172. doi:10.1016/j.ejps.2010.06.004</p>