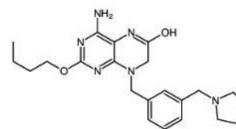


Product Name	: Vesatolimod
Synonyms	: GS-9620; GS 9620; GS9620; Vesatolimod
Cat No.	: M17205
CAS Number	: 1228585-88-3
Molecular Formula	: C ₂₂ H ₃₀ N ₆ O ₂
Formula Weight	: 410.51
Chemical Name	: 4-amino-2-butoxy-8-(3-(pyrrolidin-1-ylmethyl)benzyl)-7,8-dihydropteridin-6(5H)-one
Description	<p>Vesatolimod, also known as GS-9620, is a potent and oral agonist of Toll-like receptor-7 developed for finite treatment of chronic hepatitis B viral (HBV) infection, with the goal of inducing a liver-targeted antiviral effect without inducing the adverse effects associated with current systemic interferon-α (IFN-α) therapies. GS-9620 demonstrate interferon-stimulated gene induction without detectable serum interferon at low oral doses. GS-9620 can induce a sustained antiviral response in the woodchuck model of CHB.</p>
Pathway	: Others
Target	: Other Targets
Receptor	: TLR7
Solubility	: DMSO : 4.8 mg/mL 11.69 mM;
SMILES	: <chem>CCCCOc1nc2c(c(n1)N)NC(=O)CN2Cc1cc(ccc1)CN1CCCC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Lanford RE. Gastroenterology. 2013 Feb 13. pii: S0016-5085(13)00169-8.