

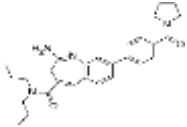
**PRODUCT: Motolimod**

**ALTERNATE NAME:** 3H-1-Benzazepine-4-carboxamide, 2-amino-N,N-dipropyl-8-[4-(1-pyrrolidinylcarbonyl)phenyl]; VTX-2337

**CATALOG #:** B1594-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>28</sub>H<sub>34</sub>N<sub>4</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 458.6

**CAS NUMBER:** 926927-61-9

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air light

**DESCRIPTION:** Motolimod (VTX-2337) is a potent and selective, small molecule Toll-like receptor (TLR) 8 agonist (EC<sub>50</sub> = 100 nM) that stimulates natural killer (NK) cells, dendritic cells, and monocytes. Useful in immunotherapy for multiple oncology indications, including squamous cell carcinoma of the head and neck (SCCHN).

**REFERENCES:** Lu, H., et al. (2012). *Clin Cancer Res.* **18**, 499-509.

**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**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**