

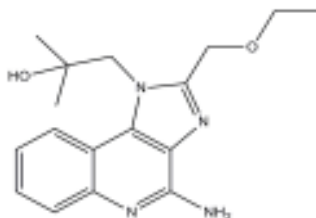
## Resiquimod

**ALTERNATE NAME:** 1-[4-amino-2-(ethoxymethyl)imidazo[4,5-c]quinolin-1-yl]-2-methylpropan-2-ol; R-848

**CATALOG #:** 1699-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>17</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 314.38

**CAS NUMBER:** 144875-48-9

**APPEARANCE:** White to off-white powder

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C.

**DESCRIPTION:** A selective ligand for Toll-like receptor 7 (TLR7) in mouse and for TLR7 and TLR8 in humans. Displays antitumor and antiviral properties. Stimulates antibody secretion, cytokine production, protection from apoptosis and CD80 upregulation.

**REFERENCES:** Hemmi, H., *et al.* (2002). *Nat. Immunol.* **3**, 196-200.

**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**)

Loxoribine (**Cat. No. 2003-5, 25**)

Pam3Cys-Ser(Lys)<sub>4</sub>, TriHCl (**Cat. No. 1700-100**)

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**)

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