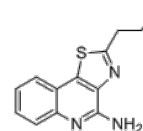


Product Name : 3M-002
Cat. No. : PC-70302
CAS No. : 256922-53-9
Molecular Formula : C₁₃H₁₃N₃S
Molecular Weight : 243.33
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

3M-002 (CL-075) is a selective **TLR8** agonist that induces activation of NF-κB at 0.4 μM.

3M-002 (CL-075) induces similar cytokine profiles from human PBMC compared with TLR8 agonist ssRNA.

3M-002 (CL-075) effectively stimulates IL-12 production from mDC, but not pDC.

3M-002 (CL-075) induces TNF-α and IL-12 at 0.1 μM from monocytes and monocyte-derived DC (Mo-DC).

References

Gorden KB, et al. *J Immunol.* 2005 Feb 1;174(3):1259-68.

Spranger S, et al. *J Immunol.* 2010 Jul 1;185(1):738-47.

Makni-Maalej K, et al. *J Leukoc Biol.* 2015 Jun;97(6):1081-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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