

Product Datasheet

TAK-242

Catalog No. **BP-02349** · CAS **243984-11-4** · Form **free base** · Physical state **solid** · Color **Off-white to yellow** · Version **1.0** · Revision **2026-09-10**

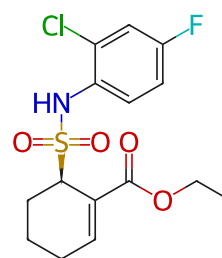
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Target Toll-like Receptor (TLR); Autophagy	Research area Inflammation/Immunology; Cancer
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Molecular formula **C₁₅H₁₇ClFNO₄S**

Molecular weight **361.8160**

STRUCTURE



DESCRIPTION

Resatorvid (TAK-242) is a selective Toll-like receptor 4 (TLR4) inhibitor and plays pivotal role in various inflammatory diseases.

BIOLOGICAL ACTIVITY

Resatorvid (TAK-242) is a selective TLR4 signaling inhibitor. Resatorvid inhibited the production of NO, TNF-α and IL-6 with IC50 values of 1.8 nM, 1.9 nM and 1.3 nM, respectively. Resatorvid down-regulates the expression of MyD88 and TRIF signaling molecules downstream of TLR4. Resatorvid inhibits autophagy and plays a key role in a variety of inflammatory diseases.

SOLUBILITY

Soluble in DMSO

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Lot CoA and SDS are separate documents.