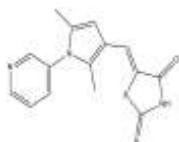


PRODUCT: Optovin**ALTERNATE NAME:** 5-[[2,5-Dimethyl-1-(3-pyridinyl)-1*H*-pyrrol-3-yl]methylene]-2-thioxo-4-thiazolidinone**CATALOG #:** 9594-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₃N₃OS₂**MOLECULAR WEIGHT:** 315.41**CAS NUMBER:** 348575-88-2**APPEARANCE:** Orange solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Optovin is a reversible photoactive TRPA1 activator. It specifically activates TRPA1 (EC₅₀ = 2 μM) but not TRPV1 or TRPM8. Optovin activates human TRPA1 via structure-dependent photochemical reactions with redox-sensitive cysteine residues, and enables control of motor activity in paralyzed extremities by localized illumination in animals.**REFERENCE:** Kokel, D., *et al.* (2013). *Nat. Chem. Biol.* **9**, 257-263.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

ADX-47273 (Cat. No. 9562-10, 50)

Congo Red (Cat. No. 2588-100 500)

Evans Blue Tetrasodium (Cat. No. 2586-1G)

Kainic acid (Cat. No. 2279-5, 25)

LY404187 (Cat. No. 2698-5, 25)

LY-341495 (Cat. No. 2875-1,5)

Rose Bengal (Cat. No. 2587-100, 500)

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