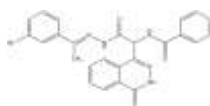


PRODUCT: AC-55541**RELATED PRODUCTS:**
ML-354 (Cat. No. 9415-5, 25)**ALTERNATE NAME:** (2E)-2-[1-(3-Bromophenyl)ethylidene] α -(benzoylamino)-3,4-dihydro-4-oxo-1-phthalazineacetic acid hydrazide**CATALOG #:** 9412-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₂₀BrN₅O₃**MOLECULAR WEIGHT:** 518.36**CAS NUMBER:** 916170-19-9**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** AC 55541 is a potent and selective protease-activated receptor 2 (PAR2) agonist (pEC₅₀ = 6.7) that displays no activity at other PAR subtypes or at over 30 other receptors involved in nociception and inflammation.**REFERENCES:** Gardell, L.R., *et al.* (2008). *J. Pharmacol. Exp. Ther.* **327**, 799-808.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**