

PRODUCT: AM-095 sodium

ALTERNATE NAME: Sodium (R)-2-(4'-(3-methyl-4-(((1-phenylethoxy)carbonyl)amino)isoxazol-5-yl)-[1,1'-biphenyl]-4-yl)acetate

CATALOG #: B1225-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₃N₂NaO₅

MOLECULAR WEIGHT: 478.47

CAS NUMBER: 1345614-59-6

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: AM-095 is a potent LPA1 receptor antagonist with IC₅₀ values of 0.98 and 0.73 μM for recombinant human and mouse LPA1, respectively. In functional assays, AM-095 inhibits LPA-driven chemotaxis of CHO cells overexpressing mouse LPA₁ (IC₅₀ = 778 nM) and human A2058 melanoma cells (IC₅₀ = 233 nM).

REFERENCES: Swaney, J.S., *et al.* (2011). *J. Pharmacol. Exp. Ther.* **336**, 693-700.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AM-095 (Cat. No. 9581-5,25)

AM-095 sodium (Cat. No. B1225-5,25)

Ki 16425 (Cat. No. 9545)

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