

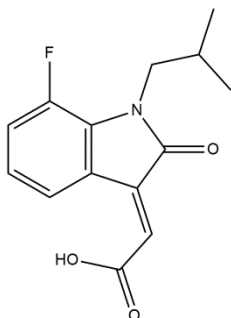
ASP7663

01/20

ALTERNATE NAMES: (2E)-2-[7-fluoro-1-(2-methylpropyl)-2-oxindol-3-ylidene]acetic acid; (2E)-2-[7-Fluoro-1,2-dihydro-1-(2-methylpropyl)-2-oxo-3H-indol-3-ylidene]acetic acid; (E)-[7-Fluoro-1-(2-methylpropyl)-2-oxo-1,2-dihydro-3H-indol-3-ylidene]acetic acid

CATALOG #: B2976-5 5 mg
B2976-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₁₄FNO₃

MOLECULAR WEIGHT: 263.26

CAS NUMBER: 1190217-35-6

APPEARANCE: Solid

PURITY: 98%

SOLUBILITY: ~25 mg/ml in DMSO

DESCRIPTION: ASP7663 is a selective transient receptor potential ankyrin 1 (TRPA1) activator. It activates human, rat and mouse TRPA1 receptors with EC₅₀ values of 510 nM, 540 nM and 500 nM, respectively. It releases 5-HT from QGP-1 cells. It enhances colonic motility and exerts anti-constipation, analgesic effects against abdominal pain *in vivo*.

STORAGE TEMPERATURE: -20°C. Protect from air. Store under desiccating conditions.

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

REFERENCE: Kojima, R., Nozawa, K., Doihara, H., et al. Effects of novel TRPA1 receptor agonist ASP7663 in models of drug-induced constipation and visceral pain. *Eur J Pharmacol.* 723:288-93 (2014).

RELATED PRODUCTS:

VLX600 (Cat. No. B2849)
 CAY10683 (Cat. No. B1051)
 LF3 (Cat. No. B2644)
 ML-240 (Cat. No. B1142)
 TASIN-1 hydrochloride (Cat. No. B2088)

DISCLAIMER: **FOR RESEARCH USE ONLY! Not to be used on humans.**