

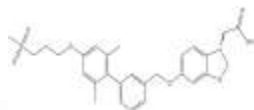
PRODUCT: Fasiglifam (TAK-875)

ALTERNATE NAME: (S)-2-(6-((2',6'-dimethyl-4'-(3-(methylsulfonyl)propoxy)-[1,1'-biphenyl]-3-yl)methoxy)-2,3-dihydrobenzofuran-3-yl)acetic acid

CATALOG #: B1280-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₃₂O₇S

MOLECULAR WEIGHT: 524.63

CAS NUMBER: 1000413-72-8

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥97% by HPLC

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

DESCRIPTION: Fasiglifam (TAK-875) is a potent and selective agonist of GPR40 with EC₅₀ of 14 nM, 400-fold more potent than oleic acid. TAK-875 displays potent plasma glucose-lowering action and insulinotropic action during an oral glucose tolerance test in female Wistar fatty rats with impaired glucose tolerance.

REFERENCES: Yashiro, H., *et al.* (2012). *J. Pharmacol. Exp. Ther.* **340**, 483-489.

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

RELATED PRODUCTS:

Fasiglifam (TAK-875) (**B1280**)

GSK137647A (**B1112**)

GW9508 (**2817**)

TUG770 (**B1166**)

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