

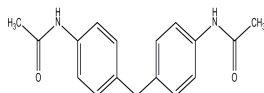
Product: FH1 (BRD-K4477)

ALTERNATE NAME: N,N'-(Methylenedi-4,1-phenylene)bis-acetamide, N,N'-(Methylenedi-4,1-phenylene)diacetamide, NSC 12407

CATALOG #: 2732-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₈N₂O₂

MOLECULAR WEIGHT: 282.34

CAS NUMBER: 2719-05-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~ 10 mg/ml)

PURITY: ≥98%

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

DESCRIPTION: FH1 is a small molecule that can enhance the functions of cultured hepatocytes. It enhances differentiation of induced pluripotent stem cells (iPSCs) to hepatocytes and promotes the maturation of iPSC-derived hepatocytes.

REFERENCES: Shan, J., *et al.* (2013). *Nat. Chem. Biol.* **9**, 5140520.

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

RELATED PRODUCTS:

DiscoveryPak™ Stem Cell Fate Regulator Set I (Cat. No. K852-3)
DiscoveryPak™ Stem Cell Fate Regulator Set II (Cat. No. K853-8)
DiscoveryPak™ Stem Cell Fate Regulator Set III (Cat. No. K854-3)
DiscoveryPak™ Stem Cell Fate Regulator Set IV (Cat. No. K855-3)
DiscoveryPak™ Stem Cell Fate Regulator Set V (Cat. No. K865-5)
DiscoveryPak™ Stem Cell Fate Regulator Set VI (Cat. No. K866-5)
DiscoveryPak™ Stem Cell Fate Regulator Set VII (Cat. No. K866-10)
(±) –Bay K 8644 (Cat. No. 1682-5)
BIX01294 (Cat. No. 1678-5, 25)
CHIR99021 (Cat. No. 1677-5, 25)
EZSolution™ CHIR99021 (Cat. No. 1748-5)
PD0325901 (Cat. No. 1643-2)
PluriSin1 (Cat. No. 2471-10, 50)
PS-48 (Cat. No. 1869-5)
Pyrintegrin (Cat. No. 1729-1,5)
EZSolution™ Pyrintegrin (Cat. No. 1737-1)
RepSox (Cat. No. 1894-5, 25)
Reversine (Cat. No. 1851-1, 5)
RG 108 (Cat. No. 1679-10,30)
SB-431542 (Cat. No. 1674-1)
EZSolution™ SB-431542 (Cat. No. 1872-1)
SCD1 Inhibitor (Cat. No. 1716-1, 5)
Sodium Butyrate (Cat. No. 1609-100, 1000)
StemBoost™ Reprogramming Cocktail Set I (Cat. No. K869-1ML, 5ML, 1set) StemBoost™
Reprogramming Cocktail Set II (Cat. No. K870-1ML, 5ML, 1set)
Thiazovivin (Cat. No. 1681-1,5)
EZSolution™ Thiazovivin (Cat. No. 1736-1)
Tranylcypromine Hemisulfate (Parnate) (Cat. No. 1816-25,100)
Valproic Acid, Sodium Salt (Cat. No. 1647-200)
Y-27632,2 HCl (Cat. No. 1596-1, 5, 50)
EZSolution™ Y-27632, HCl (Cat. No. 1784-5)

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