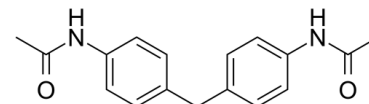


Data Sheet

Product Name:	FH1
Cat. No.:	CS-3330
CAS No.:	2719-05-3
Molecular Formula:	C ₁₇ H ₁₈ N ₂ O ₂
Molecular Weight:	282.34
Target:	Others
Pathway:	Others
Solubility:	DMSO : 13 mg/mL (46.04 mM; Need ultrasonic and warming)



BIOLOGICAL ACTIVITY:

FH1(BRDK4477) is a small molecule that can enhance the functions of cultured hepatocytes. IC50 value: Target: In vitro: FH1(BRD-K4477) enhances hepatocyte functions, and promotes the maturation of well-differentiated cultures of iHeps, which potentially alleviates a major obstacle to the use of iPS cells as a renewable source of functional human hepatocytes.

References:

[1]. Shan J, et al. Identification of small molecules for human hepatocyte expansion and iPS differentiation. Nat Chem Biol. 2013 Aug;9(8):514-20.

CAIndexNames:

Acetamide, N,N'-(methylenedi-4,1-phenylene)bis-

SMILES:

CC(NC1=CC=C(CC2=CC=C(NC(C)=O)C=C2)C=C1)=O

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA