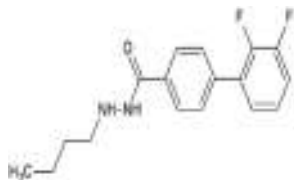


SR-4370

ALTERNATE NAME: 2',3'-difluoro-[1,1'-biphenyl]-4-carboxylic acid, 2-butylhydrazide
SR4370

CATALOG #: B3324-5 5 mg
B3324-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₈F₂N₂O

MOLECULAR WEIGHT: 304.33

CAS NUMBER: 1816294-67-3

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: SR-4370 is a potent and selective inhibitor of histone deacetylase 3 (HDAC3; IC₅₀ = 6 nM). It displays selectivity for HDAC3 over HDAC1, -2, -6, and -8 (IC₅₀s = 0.13, 0.58, 3.7, and 2.3 μM, respectively). SR-4370 suppresses AR signaling and in vivo prostate tumor growth.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

MGCD0103 (2633)
Droxinostat (9570)
HDAC3 Inhibitor Screening Kit (Fluorometric) (K363)
RGFP966 (2818)
CBHA (2284)

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