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## JC2-11

产品编号: D55986

CAS: 937820-89-8

分子式: C<sub>17</sub>H<sub>15</sub>FO<sub>4</sub>

纯度: 98.6%

InChi Key: InChIKey=YYAIFDXWRNNHAW-ZZXKWWIFSA-N

Smiles: C/C=C/C1=CC(OC)=C(O)C=C1(=O)C2=CC(F)=C(OC)C=C2

外观: 固体粉末

作用通路: Immunology/Inflammation;Apoptosis;Proteases/Proteasome;Metabolism

作用靶点: ROS;Caspase;IL Receptor;Dehydrogenase;NOD-like Receptor (NLR);AIM2

溶解性: DMSO : 90.0 mg/mL (297.7 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: JC2-11 is an inhibitory compound for inflammation. JC2-11 inhibits the recruitment domain-containing proteins NLRC 4, atypical in melanoma 2 (AIM 2) and atypical (NC) inflammatory vesicles by disrupting reactive oxygen species (ROS) production and caspase-1 activity. JC2-11 reduces caspase-1 (p20) secretion, gasdermin D (GSDMD) cleavage, IL-1 $\beta$  and lactate dehydrogenase (LDH) activity in inflammatory vesicles. JC2-11 reduced caspase-1 (p20) secretion, gasdermin D (GSDMD) cleavage, IL-1 $\beta$  and lactate dehydrogenase (LDH) release from inflammatory vesicles.