

Canagliflozin hemihydrate

产品编号: D51513

CAS: 928672-86-0

分子式: C₄₈H₅₂F₂O₁₁S₂

纯度: ≥98%

InChi: InChI=1S/2C₂₄H₂₅FO₅S.H₂O/c2*1-13-2-3-15(24-23(29)22(28)21(27)19(12-26)30-24)10-16(13)11-18-8-9-20(31-18)14-4-6-17(25)7-5-14;/h2*2-10,19,21-24,26-29H,11-12H₂,1H₃;1H₂/t2*19-,21-,22+,23-,24?;/m11./s1

InChi Key: VHOFTAEAWFCUTOS-HTDYLQHCSA-N

Smiles: O.CC1C=CC(=CC=1CC1=CC=C(S1)C1C=CC(F)=CC=1)C1O[C@H](CO)[C@@H](O)[C@H](O)[C@H]1O.CC1C=CC(=CC=1CC1=CC=C(S1)C1C=CC(F)=CC=1)C1O[C@H](CO)[C@@H](O)[C@H](O)[C@H]1O

外观: 固体粉末

作用通路: SGLT

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Canagliflozin, also known as JNJ-28431754 and TA 7284, is a drug of the gliflozin class or subtype 2 sodium-glucose transport (SGLT-2) inhibitors used for the treatment of type 2 diabetes. SGLT2 is responsible for at least 90% of renal glucose reabsorption (SGLT1 being responsible for the remaining 10%). Blocking this transporter causes up to 119 grams of blood glucose per day to be eliminated through the urine, corresponding to 476 kilocalories. Additional water is eliminated by osmotic diuresis, resulting in a lowering of blood pressure.