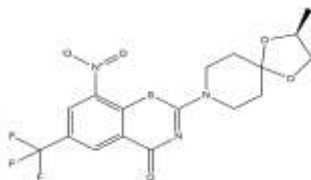


PRODUCT: BTZ043

ALTERNATE NAME: (S)-2-(2-methyl-1,4-dioxo-8-azaspiro[4.5]decan-8-yl)-8-nitro-6-(trifluoromethyl)-4H-benzo[e][1,3]thiazin-4-one

CATALOG #: B1206-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: $C_{17}H_{16}F_3N_3O_5S$

MOLECULAR WEIGHT: 431.39

CAS NUMBER: 1161233-85-7

APPEARANCE: Crystalline Solid

SOLUBILITY: DMSO (>20 mg/mL)

PURITY: $\geq 98\%$ by HPLC

STORAGE: Store at $-20^{\circ}C$. Protect from air and light.

DESCRIPTION: BTZ043 is a decaprenyl-phosphoribose-epimerase (DprE1) inhibitor acting as a new antimycobacterial agent that kill *Mycobacterium tuberculosis* (TB). It displays nanomolar bactericidal activity against *Mycobacterium tuberculosis* in vitro.

REFERENCES: Pasca, M. R. *et.al.* (2010). *Antimicrob Agents Chemother*, **54**, 1616-8

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

RELATED PRODUCTS:

PBTZ169 (B1205)

BTZ043 (B1206)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**