

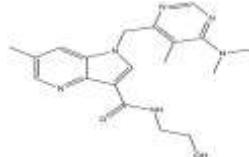
PRODUCT: DprE1-IN-2

ALTERNATE NAME: 1-[[6-(dimethylamino)-5-methyl-4-pyrimidinyl]methyl]-N-(2-hydroxyethyl)-6-methyl-1H-pyrrolo[3,2-b]pyridine-3-carboxamide; MDK-3875

CATALOG #: B2295-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₄N₆O₂

MOLECULAR WEIGHT: 368.4

CAS NUMBER: 1615713-87-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: DprE1-IN-2 is a potent inhibitor of decaprenylphosphoryl-D-ribose oxidase (DprE1) of *Mycobacterium tuberculosis*, an essential enzyme involved in cell wall metabolism, for which new promising molecules have proved efficacy as antitubercular agents.

REFERENCES: Shirude, P.S., et al. (2014). *J. Med. Chem.* **57**, 5728-5737.

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

RELATED PRODUCTS:

AZ-7371 (**B2294**)

BTZ043 (**B1206**)

DprE1-IN2 (**B2295**)

PBTZ169 (**B1205**)

USAGE:

FOR RESEARCH USE ONLY! Not to be used in humans