

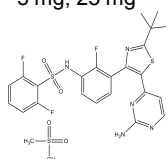
Product: GSK-2118436 mesylate

ALTERNATE NAME: N-[3-[5-(2-aminopyrimidin-4-yl)-2-tert-butyl-1,3-thiazol-4-yl]-2-fluorophenyl]-2,6-difluorobenzenesulfonamide, methanesulfonic acid; Dabrafenib Mesylate

CATALOG #: 2800-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₄F₃N₅O₅S₃

MOLECULAR WEIGHT: 615.67

CAS NUMBER: 1195768-06-9

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: GSK2118436 is a selective BRAF V600E inhibitor. GSK2118436 binds to Raf family kinases and inhibits their activity. It is highly selective against B-Raf V600E with IC₅₀ of 0.8 nM, compared to wild type B-Raf and c-Raf with IC₅₀s of 3.2 nM and 5.0 nM, respectively.

REFERENCES: Ascierto, P.A., *et al.* (2013). *J. Clin. Oncol.* **31**, 3205-3211.

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

RELATED PRODUCTS:

Gossypin (Cat. No. 2374-50, 250)

GW-5074 (Cat. No. 2412-5, 25)

PLX-4032 (Cat. No. 2235-5, 25)

B-Raf Inhibitor I (Cat. No. 2599-5, 25)

TAK-632 (Cat. No. 2473-5, 25)

ZM 336372 (Cat. No. 1789-1, 5)

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