BioVision

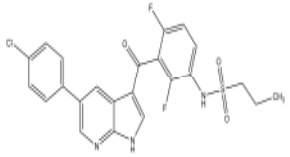
PRODUCT: PLX-4032

ALTERNATE NAME: Vemurafenib; RG7204, RO5185426

CATALOG #: 2235-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{23}H_{18}ClF_2N_3O_3S$

MOLECULAR WEIGHT: 489.92

CAS NUMBER: 1029872-54-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥99%

STORAGE: At -20° C. Protect from light and moisture

DESCRIPTION: Cell-permeable. A potent, selective and ATP-competitive, inhibitor of BRAF(V600E) kinase with potential antineoplastic activity. PLX-40432 selectively binds to the ATP-binding site of BRAF(V600E) kinase and inhibits its activity, which may result in an inhibition of an over-activated MAPK signaling pathway downstream in BRAF(V600E) kinase-expressing tumor cells and a reduction in tumor cell proliferation.

REFRENCE: Lee, J.T., *et al.* (2010*). Pigment Cell Melanoma Res.* **23,** 820-827.

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

RELATED PRODUCTS:

Active RAF1 **(Cat. No. 7726-5, 100)**
BAY 43-9006 **(Cat. No. 1594-25, 100)**
BAY 43-9006, Free base **(Cat. No. 2142-25, 100)**
EZSolution™ BAY 43-9006 **(Cat. No. 2031-25)**
ZM 336372 **(Cat. No. 1789-1, 5)**

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

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