Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

Encorafenib

Catalog No: tcsc2289

Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Specifications

CAS No:
1269440-17-6

Formula:
$C_{22}H_{27}ClFN_7O_4S$

Pathway:
MAPK/ERK Pathway

Target:
Raf

Purity / Grade:
>98%

Solubility:
DMSO : 50 mg/mL (92.59 mM; Need ultrasonic)

Alternative Names:
LGX818

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Observed Molecular Weight:

540.01

Product Description

Encorafenib (LGX818) is a highly potent **RAF** inhibitor with selective anti-proliferative and apoptotic activity in cells expressing BRAF ^{V600E} (**EC_{50}**=4 nM).

IC50 & Target: IC50: 0.3 nM (BRaf^{V600E})

In Vitro: Encorafenib (LGX818) is a potent drug that can prevents diseases or disorders associated with abnormal or deregulated kinase activity, particularly diseases or disorders that involve abnormal activation of B-Raf[1]. Encorafenib (LGX818) (10 nM) suppresses the ERK/MAPK pathway and displays marked inhibition of pERK in A375, G361 and SK-MEL-24 cells. 10 nM Encorafenib (LGX818) treatment for 12 days potently inhibits colony formation in A375, G361 and SK-MEL-24 cells, but not in RPMI7951 and C8161 cells. Encorafenib (LGX818) treatment induces a steady increase in the β-catenin level in G361 cells over time[2].