

## Product Data Sheet

Product Name: PLX7922

Cat. No.: GC64828

### Chemical Properties

Cas. No. 1638772-61-8

Formula C<sub>20</sub>H<sub>25</sub>FN<sub>6</sub>O<sub>2</sub>S<sub>2</sub>

M.Wt 464.58

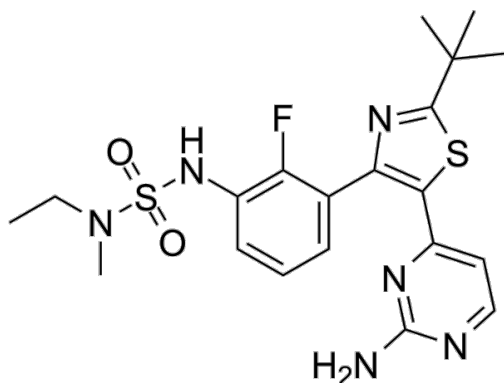
Solubility DMSO : 100 mg/mL (215.25 mM;  
Need ultrasonic)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

PLX7922, a RAF inhibitor, can bind with BRAFV600E. PLX7922 inhibits pERK in BRAFV600E cell lines, and activates pERK in mutant NRAS cell lines[1].

PLX7922 (1-1000 nM) inhibits pERK in BRAFV600E cell lines, activates pERK in mutant NRAS cell

**Caution: Product has not been fully validated for medical applications. For research use only.**

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lines (B9 and IPC-298)[1].

[1]. Zhang C, et, al. RAF inhibitors that evade paradoxical MAPK pathway activation. Nature. 2015 Oct 22;526(7574):583-6.

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