## Data Sheet (Cat.No.T63210)



## Everafenib

Chemical Properties

| CAS No. :         |  |
|-------------------|--|
| Formula:          | C20H23ClFN5O2S2  |
| Molecular Weight: | 484.01   |
| Appearance:       | no data available  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |
|                   |  |

## **Biological Description**

| Description | Everafenib is a potent BRAF inhibitor that crosses the blood-brain barrier and also    |
|-------------|--|
|             | inhibits the MAPK pathway. Everafenib inhibits the activity of a range of V600EBRAF    |
|             | melanoma cell lines (IC50: 2-10 nM) and is more effective than Dabrafenib and          |
| · ·         | Vemurafenib. Everafenib was effective in extending the number of days of survival in a |
|             | mouse model of intracranial metastatic melanoma.                                       |

## Preparing Stock Solutions

|        | 1mg       | 5mg        | 10mg       |
|--------|-----------|------------|------------|
| 1 mM 📀 | 2.0661 mL | 10.3304 mL | 20.6607 mL |
| 5 mM   | 0.4132 mL | 2.0661 mL  | 4.1321 mL  |
| 10 mM  | 0.2066 mL | 1.033 mL   | 2.0661 mL  |
| 50 mM  | 0.0413 mL | 0.2066 mL  | 0.4132 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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