

## Sorafenib

Cat. No. CEI-1111

Lot. No. (See product label)

### Introduction

#### Description

Sorafenib (marketed as Nexavar by Bayer) is a multikinase inhibitor targeting a number of serine/threonine and receptor tyrosine kinases. It is a drug approved for the treatment of primary kidney cancer (advanced renal cell carcinoma) and advanced primar.

#### Synonyms

AFR1, RAF

### Product Information

#### CAS No.

284461-73-0

#### Molecular Formula

C<sub>21</sub>H<sub>16</sub>ClF<sub>3</sub>N<sub>4</sub>O<sub>3</sub>

#### Chemical Name

4-[4-[[4-chloro-3-(trifluoromethyl)phenyl]carbamoylamino]phenoxy]-N-methylpyridine-2-carboxamide

#### Molecular Weight

464.82

#### Purity

> 95%

#### Targets

Raf, VEGFR

#### Solubility

DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

### Storage and Shipping Information

#### Storage

4 centigrade

#### Stability

2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO