

## GSK-25

Cat. No. CEI-1127

Lot. No. (See product label)

### Introduction

#### Description

GSK-25 has promising oral bioavailability (49% in rat and 19% in monkey) a good half-life (1.8h in rat and 2.2h in monkey) and maintains good selectivity against a panel of 31 kinases, as well as RSK1 and p70S6K (RSK1 IC<sub>50</sub>=398nM, p70S6K IC<sub>50</sub>=1000nM), and a dramatically improved P450 profile (>2.2 uM at all isozymes tested).

#### Synonyms

RP11-492M19.2, HU-1, MAPKAPK1A, RSK, RSK1

### Product Information

#### CAS No.

874119-56-9

#### Molecular Formula

C<sub>24</sub>H<sub>16</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>6</sub>O

#### Chemical Name

4-(4-chloro-2-fluorophenyl)-2-(2-chloropyridin-4-yl)-N-(6-fluoro-1H-indazol-5-yl)-6-methyl-1,4-dihydropyrimidine-5-carboxamide

#### Molecular Weight

513.33

#### Purity

> 95%

#### Targets

RSK1, p70S6K

#### IC<sub>50</sub>

398nM, 1000nM

#### 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