

## FMK

Cat. No. CEI-0923

Lot. No. (See product label)

### Introduction

#### Description

FMK is a potent and selective inhibitor of p90 ribosomal protein S6 kinase RSK2 (wt) with IC<sub>50</sub> of 15 nM, >600- and 200-fold selectivity for RSK2 than the C436V and T493M mutants.

### Product Information

**CAS No.** 821794-92-7

**Molecular Formula** C<sub>18</sub>H<sub>19</sub>FN<sub>4</sub>O<sub>2</sub>

**Chemical Name** Ethanone, 1-[4-amino-7-(3-hydroxypropyl)-5-(4-methylphenyl)-7H-pyrrolo[2,3-d]pyrimidin-6-yl]-2-fluoro-

**Molecular Weight** 342.37

**Targets** RSK2

**IC<sub>50</sub>** 15 nM

**Solubility** DMSO mg/mL; Water mg/mL; Ethanol mg/mL

### Storage and Shipping Information

**Storage** 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.