Product Name: PF 5006739
Catalog No.: 6346
Batch No.: 1
CAS Number: 1293395-67-1
IUPAC Name: 4-[4-(4-Fluorophenyl)-1-[1-(3-isoxazolylmethyl)-4-piperidinyl]-1H-imidazol-5-yl]-2-pyrimidinamine

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $\text{C}_{22}\text{H}_{22}\text{FN}_{7}\text{O}$
Batch Molecular Weight: 419.46
Physical Appearance: White solid
Solubility: DMSO to 100 mM
Storage: Store at +4°C

2. ANALYTICAL DATA

HPLC: Shows 99.4% purity
$^1\text{H NMR}$: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis: Carbon Hydrogen Nitrogen
Theoretical 62.99 5.29 23.37
Found 62.87 5.32 23.58
Product Name: PF 5006739
Catalog No.: 6346
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CAS Number: 1293395-67-1
IUPAC Name: 4-[4-(4-Fluorophenyl)-1-[1-(3-isoxazolylmethyl)-4-piperidinyl]-1H-imidazol-5-yl]-2-pyrimidinamine

Description:
Potent casesin kinase 1δ/ε inhibitor (IC50 values are 3.9 and 17 nM, respectively). Mediates circadian rhythm phase-delaying effects in vivo. Attenuates opioid drug seeking behaviour in addiction in vivo models.

Physical and Chemical Properties:
Batch Molecular Formula: C22H19FN7O
Batch Molecular Weight: 419.46
Physical Appearance: White solid
Minimum Purity: >98%

Batch Molecular Structure:

Storage: Store at +4°C

Solubility & Usage Info:
DMSO to 100 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).
Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:
Sold for research purposes under agreement from Pfizer Inc.

References: