

PRODUCT:

PD-166866

ALTERNATE NAME:

1-[2-Amino-6-(3,5-dimethoxyphenyl)-pyrido[2,3-d]pyrimidin-7-yl]-3-tert-butyl urea

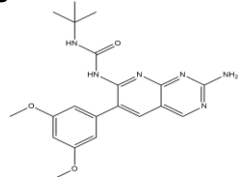
CATALOG #:

B2223-5,25

AMOUNT:

5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA:

C₂₀H₂₄N₆O₃

MOLECULAR WEIGHT:

396.44

CAS NUMBER:

192705-79-6

APPEARANCE:

Off-white to light tan solid

SOLUBILITY:

DMSO (~10 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from light.

DESCRIPTION:

PD-166866 is a selective inhibitor of the FGF-1 receptor tyrosine kinase (FGFR1) (IC₅₀ = 55 nM). It has no effect on c-Src, PDGFR-b, EGFR or insulin receptor tyrosine kinases or MEK, PKC, and CDK4. Displays antiproliferative and anti-angiogenic activities.

REFERENCES:

Panek, R.L., *et al.* (1998). *J. Pharmacol. Exp. Ther.* **286**, 569-577.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

rev 04/19

RELATED PRODUCTS:

AZD-4537 (**9403**)

BIBF1120 (**2167**)

Derazantinib (**B2222**)

FIIN-2 (**9577**)

NVP-BGJ398 (**2855**)

PD-166866 (**B2223**)

PD173074 (**1675**)

Picropodophyllotoxin (**2765**)

Ponatinib (**2712**)

SSR128129E (**B1165**)

SU-5402 (**1645**)

EZSolution™ SU-5402 (**2017**)

SU6668 (**1931**)

USAGE:

FOR RESEARCH USE ONLY! Not to be used in humans