

AZD1152-HQPA, Aurora B kinase inhibitor

Catalog	Unit
TBI4804-5MG	5 mg
TBI4804-25MG	25 mg

Product Details

Formal Name: 3-[[7-[3-[Ethyl(2-hydroxyethyl)amino]propoxy]-4-quinazoliny]amino-N-(3-fluorophenyl)-1H-pyrazole-5-acetamide

Alternate Names: Barasertib-HQPA; AZD2811

Molecular Formula: C₂₆H₃₀FN₇O₃

Formula Weight: 507.56

CAS Number: 722544-51-6

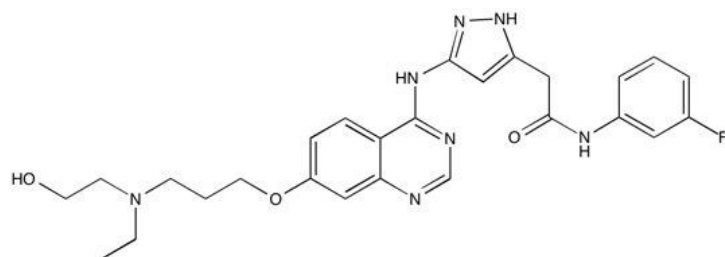
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 15 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Aurora B kinase inhibitor

Functions

AZD1152-HQPA is a potent and highly selective inhibitor of Aurora B. Aurora B Ki = 0.36 nM; Aurora A Ki = 1,369 nM. It inhibits the growth of tumors in multiple cancer models. Excessive ROS generation and upregulated tumor suppressor miRNAs have been proposed as a novel mechanisms of cytotoxicity of AZD1152-HQPA.

Application Procedures

First dissolved in DMSO (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 1 month.

For research use only.