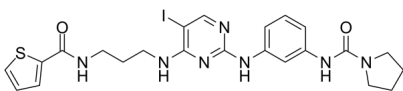


Certificate of Analysis

Catalog Number	BP12808
Product Name	BX795

Physical and Chemical Properties

CAS No.	702675-74-9
Chemical Formula	C ₂₃ H ₂₆ N ₇ O ₂ S
Molecular Weight	591.47
Solubility	Ethanol: 59.2 mg/mL (100 mM) DMSO: 59.2 mg/mL (100 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	BX795 is an effective and selective PDK1 inhibitor (IC ₅₀ : 6 nM), and its selectivity is 140- and 1600-fold for PDK1 over PKA and PKC in cell-free assays, respectively. Meanwhile, the selectivity for PDK1 is 100-fold than GSK3β.
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Targets&IC50	PDK-1:6 nM
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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