BX795

Inhibitor of PDK1, TBK1, IKK-ε, IRF3

BX795 was initially developed as a PDK1 inhibitor (direct competitive inhibitor IC_{50} = 11nM for PDK1) and has been shown to be a potent and relatively specific inhibitor of TBK1 and IKK-ε. It blocks the phosphorylation, nuclear translocation, and transcriptional activity of interferon regulatory factor 3. BX795 also is a potent inhibitor of cell growth of multiple cancer cell lines with IC_{50} values ranging from submicromolar amounts (0.368 μM to greater than 450 μM).

Citations: 4 View Online »

Ordering Information

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ENZ-CHM189-0005	5mg
ENZ-CHM189-0010	10mg

Manuals, SDS & CofA

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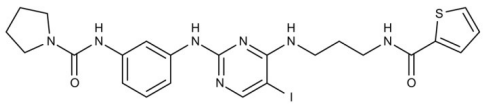
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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-[3-[[5-iodo-4-[3-(thiophene-2-carbonylamino)propylamino]pyrimidin-2-yl]amino]phenyl]pyrrolidine-1-carboxamide
Appearance	White to off-white powder.
CAS	702675-74-9
Couple Target	IKK, IRF, Pyruvate dehydrogenase kinase, TANK-binding kinase
Couple Type	Inhibitor
Formula	$C_{23}H_{26}IN_7O_2S$
Identity	Determined by NMR.
MW	591.5
Purity	≥97% (HPLC)
Solubility	Soluble in DMSO (80mg/ml).

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