5-Iodotubercidin

Protein kinase inhibitor

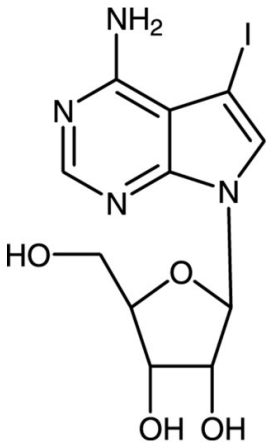
Inhibits ERK2 (Ki = 525nM). Also inhibits adenosine kinase (Ki = 30nM), CK1 and CK2 and insulin receptor kinase (IC50 ranging from 0.4-28μM).

Citations: 2 View Online »

Ordering Information Order Online »

BML-EI293-0001	1mg

Manuals, SDS & CofA View Online »

NH2
I
N
N
N
HO
O
OH
OH

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-Amino-5-iodo-7-(β-D-ribofuranosyl)-pyrrolo[2,3-d]pyrimidine
Appearance	Off-white solid
CAS	24386-93-4
Couple Target	Adenosine kinase, Casein kinase, Erk, Insulin receptor
Couple Type	Inhibitor
Formula	$C_{11}H_{13}IN0_4$
Identity	Determined by 1H-NMR and MS
MW	392.1
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (25mg/ml) or 100% ethanol (8mg/ml warm)

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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