Pifithrin-α

p53 inhibitor

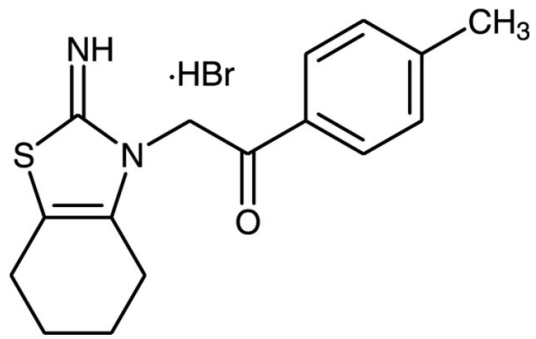
Chemical inhibitor of p53 that protects mice from the side effects of cancer therapy. Reversibly blocks p53-dependent transcriptional activation and apoptosis. Protects against neuronal death in models of stroke and neurodegenerative disorders. Suppresses self-renewal of embryonic stem cells.

Citations: 22 View Online »

Ordering Information Order Online »

BML-GR325-0025	25mg

Manuals, SDS & CofA View Online »


NH
·HBr
S
N
O
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Handling	Protect from light. Keep under inert gas. Hygroscopic.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-(4-Methylphenyl)-2-(4,5,6,7-tetrahydro-2-imino-3(2H)-benzothiazolyl)ethanone . HBr, PFT-α
Appearance	White solid.
CAS	63208-82-2
Couple Target	p53
Couple Type	Inhibitor
Formula	$C_{16}H_{18}N_2OS$. HBr
MW	367.3
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (>25mg/ml) or methanol.

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