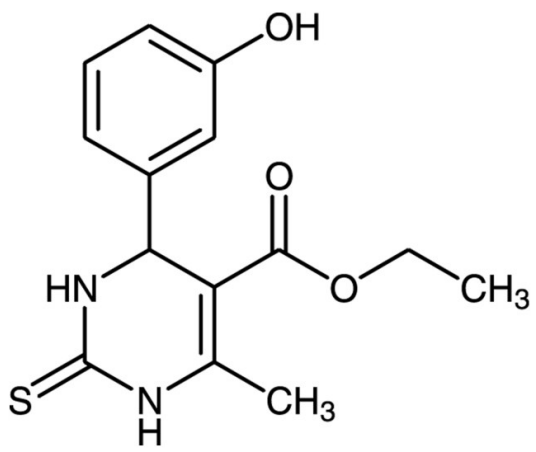
Monastrol

Kinesin inhibitor

Cell permeable non-tubulin-interacting mitosis inhibitor. Blocks mitosis (IC_{50}=14μM) by binding to the mitotic kinesin Eg5.

Citations: 13 View Online »

Manuals, SDS & CofA View Online »


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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.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-(3-Hydroxyphenyl)-6-methyl-2-thioxo-1,2,3,4-tetrahydro-4H-pyrimidin-5-carboxylic acid ethyl ester
Appearance	White to light yellow solid.
CAS	329689-23-8
Couple Target	Kinesin
Couple Type	Inhibitor
Formula	$C_{14}H_{16}N_2O_3S$
MW	292.4
MeltingPoint	184-186°C
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (20mg/ml) or 100% ethanol (4mg/ml).

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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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