



Product Information

CAS Registry No. 254753543

Product Name: Monastrol

Catalog No. M5752

Chemical Name: 1,2,3,4-Tetra- hydro-4-(3-Hydroxyphenyl)- 6-methyl-2-thioxo-5-pyrimidinecarboxylic acid ethyl ester

Synonym(s):

Mol. formula: C₁₄H₁₆N₂O₃S

Formula wt: 292.35

M.p. 184°C-186°C (lit.)

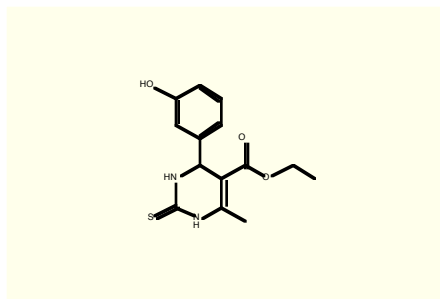
B.p.

Purity: ≥95%

Solubility: Soluble in DMSO (100mg/mL).

Stability (in original shipping container): Protect from light.

Storage temp: -20 deg C



Product Description:

A cell-permeable small molecule inhibitor of the mitotic kinesin Eg5. It arrests cells in mitosis with monoastrol spindles.

References:

Kapoor TM, Mayer TU, Coughlin ML et al. J Cell Biol. 150:975-88 (2000).

Leizerman I, Avunie-Masala R, Elkabets M et al. Cell Mol Life Sci. 61:2060-70 (2004).

PRICING

| | |
|------|----------|
| 1 mg | \$102.00 |
| 5 mg | \$298.00 |

Bulk quantity available upon request

LKT Laboratories, Inc.

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.