



Formula: C₁₄H₁₆N₂O₃S

MW: 292.36

CAS: 254753-54-3

MDL NUMBER: MFCD00813077

IUPAC: ethyl 6-(3-hydroxyphenyl)-4-methyl-2-thioxo-1,3,6-trihydropyrimidine-5-carboxylate

Smiles: C=1(C(NC(NC1C)=S)c1cc(O)ccc1)C(=O)OCC

Monastrol is a potent, cell-permeant inhibitor of mitosis.

THERAPEUTIC CATEGORY: Anticancer

ACCEPTORS: 3

DONORS: 3

ROTATION BONDS: 5

N+O: 5

Chiral Centers: 1

LogP: 2.62

LogS: -3.8

LIPINSKI: 4

