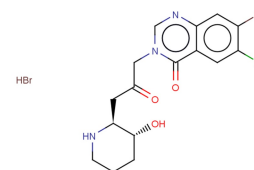


Catalog Number: CM05547

产品信息

Catalog Number:
CM05547CAS号:
64924-67-0分子式:
 $C_{16}H_{17}BrClN_3O_3 \cdot HBr$ 主要靶点:
Others|Sodium Channel|Calcium
Channel|TGF-
beta/Smad|Parasite|DNA/RNA
Synthesis主要通路:
其他|干细胞|DNA损伤和修复|细胞
周期|离子通道|微生物学|代谢分子量:
495.59溶解度:
DMSO:49.6 mg/mL (100 mM)

靶点活性

prolyl-tRNA synthetase:18.3±0.5 nM(ki)

描述

Halofuginone specifically inhibits collagen type I gene expression and matrix metalloproteinase 2 (MMP-2) gene expression, which may result in the suppression of angiogenesis, tumor stromal cell development, and tumor cell growth. Halofuginone Hydrobromide is the hydrobromide salt of halofuginone, a semisynthetic quinazolinone alkaloid anticoccidial derived from the plant *Dichroa febrifuga*, with antifibrotic and potential antineoplastic activities. These effects appear to be due to halofuginone-mediated inhibition of the collagen type I and MMP-2 promoters. Collagen type I and MMP-2 play important roles in fibroproliferative diseases.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years