

Product Data Sheet

Product Name: SSE1806

Cat. No.: GC91228

Chemical Properties

Cas. No.

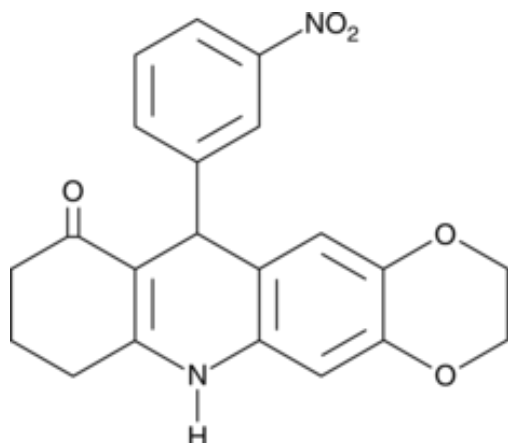
Formula $C_{21}H_{18}N_2O_5$ M.Wt 378.4

Solubility DMSO: Soluble, Methanol: Soluble Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

SSE1806 is a microtubule destabilizer.¹ It inhibits tubulin polymerization in a cell-free assay when used at a concentration of $10\text{ }\mu\text{M}$. SSE1806 inhibits the growth of MCF-7 breast cancer, HCT116 colon cancer, K562 leukemia, and KB-3-1 and paclitaxel-resistant KB-V1 cervical cancer cells (GI_{50} s = 5.02 , 2.01 , 17.74 , 1.29 , and $1.74\text{ }\mu\text{M}$, respectively), as well as induces apoptosis and cell cycle arrest at the G_2/M phase in HCT116 cells.

Caution: Product has not been fully validated for medical applications. For research use only.

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