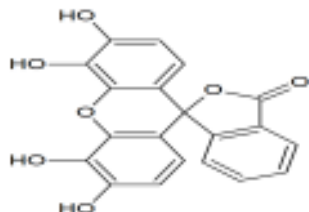


# Gallein

**ALTERNATE NAME:** 3',4',5',6'-Tetrahydroxy Spiro[isobenzofuran-1(3H),9'-(9H)xanthen]-3-one

**CATALOG #:** B3391-50 50 mg  
B3391-250 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>12</sub>O<sub>7</sub>

**MOLECULAR WEIGHT:** 364.31

**CAS NUMBER:** 2103-64-2

**APPEARANCE:** Black solid

**PURITY:** ≥97%

**SOLUBILITY:** >25 mg/ml DMSO

**DESCRIPTION:** Gallein is an inhibitor of G protein βγ subunit-dependent signaling. Blocks PI 3-kinase and Rac1 activation in HL60 cells and chemotaxis in HL60 differentiated cells. It inhibits metastatic spread of tumor cells expressing OR51E2 and exposed to its odorant ligand.

**STORAGE TEMPERATURE:** -20°C. Protect from air and light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

ML141 (2267)  
NSC 23766 (1941)  
EHop-016 (9595)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***