Ropidoxuridine

Cat. No.: HY-13742
CAS No.: 93265-81-7
Molecular Formula: C₉H₁₁IN₂O₄
Molecular Weight: 338.1
Target: Others
Pathway: Others
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Ropidoxuridine (IPdR) is a novel orally available, halogenated thymidine analog and is a potential radiosensitizer for use in human tumors.</th>
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</thead>
<tbody>
<tr>
<td>In Vitro</td>
<td>Ropidoxuridine is an orally bioavailable pro-drug of IUdR (5-iodo-2'-deoxyuridine). Ropidoxuridine demonstrates strong synergy effects with Alisertib at clinically relevant concentrations(^1).</td>
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<tr>
<td>In Vivo</td>
<td>In an orthotopic tumor model, Ropidoxuridine (750 mg/kg/day) and Alisertib (30 mg/kg/day) demonstrate strong synergy effects(^1).</td>
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</tbody>
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REFERENCES