D-3263

Cat. No.: HY-16162
CAS No.: 947257-66-1
Molecular Formula: C₂₁H₃₁N₃O₃
Molecular Weight: 373.49
Target: TRP Channel
Pathway: Membrane Transporter/Ion Channel
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>D-3263 is an agonist of transient receptor potential melastatin member 8 (TRPM8) with potential antineoplastic activity.</th>
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<tbody>
<tr>
<td>In Vitro</td>
<td>D-3263 induces calcium flux and cell death in in vitro cells expressing TRPM8(^1).</td>
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<tr>
<td>In Vivo</td>
<td>D-3263 (50 or 100 mg/kg/d) alone or with Finasteride (10 mg/kg/d) results in reduction in prostate hyperplasia of rats with evidence of a dose response. The highest dose of the TRPM8 agonist D-3263, given in combination with Finasteride, results in lower prostate weights than the highest dose of D-3263 or Finasteride given alone, suggesting a potential additive effect(^1).</td>
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REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
Tel: 609-228-6898   Fax: 609-228-5909   E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA