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Zuschläge

- Mindermengenzuschlag
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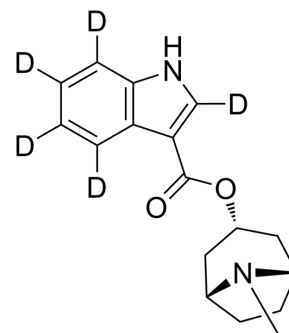
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Tropisetron-d₅

Cat. No.:	HY-B0072S
CAS No.:	1220284-86-5
Molecular Formula:	C ₁₇ H ₁₅ D ₅ N ₂ O ₂
Molecular Weight:	289.38
Target:	Isotope-Labeled Compounds; nAChR; p38 MAPK; 5-HT Receptor; AP-1; NF-κB; Nuclear Factor of activated T Cells (NFAT); JAK
Pathway:	Others; Membrane Transporter/Ion Channel; Neuronal Signaling; MAPK/ERK Pathway; GPCR/G Protein; Immunology/Inflammation; NF-κB; Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tropisetron-d₅ (SDZ-ICS-930-d₅ (free base)) is deuterium labeled Tropisetron. Tropisetron (SDZ-ICS-930 free base) is an orally active anti-inflammatory and antiemetic agent. Tropisetron is 5-HT₃R antagonists with a K_i of 5.3 nM. Tropisetron is also a partial agonist of α₇ nicotinic receptor (α₇ nAChR) with an EC₅₀ of 1.3 μM. In addition, Tropisetron has antitumor and neuroprotective effects^{[1][2][3][4][5][6][7]}.

REFERENCES

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

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