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DATASHEET

Granisetron hydrochloride

Product overview

| | |
|--------------------------|------------------------------|
| Name | Granisetron hydrochloride |
| Cat No | HB2838 |
| Alternative names | BRL 43694 |
| Biological action | Antagonist |
| Purity | >98% |
| Description | 5-HT ₃ antagonist |

Biological Data

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| Biological description | 5-HT ₃ antagonist. Displays potent anti-emetic actions. |
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Solubility & Handling

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| Solubility overview | Soluble in water (100mM) and DMSO (10mM) |
| Storage instructions | +4 °C (desiccate) |
| Storage of solutions | Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use. |
| Shipping Conditions Important | Stable for ambient temperature shipping. Follow storage instructions on receipt. This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

Chemical Data

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|---------------------------|---|
| Chemical name | 1-methyl-N-(9-methyl-9-azabicyclo[3.3.1]nonan-3-yl)indazole-3-carboxamide hydrochloride |
| Molecular Weight | 348.87 |
| Molecular Formula | C ₁₈ H ₂₄ N ₄ O.HCl |
| CAS Number | 109889-09-0 |
| PubChem identifier | 65264 |
| SMILES | CN1C2CCCC1CC(C2)NC(=O)C3=NN(C4=CC=CC=C4)C.Cl |
| InChi | InChI=1S/C18H24N4O.ClH/c1-21-13-6-5-7-14(21)11-12(10-13)19-18(23)17-15-8-3-4-9-16(15)22(2)20-17;/h3-4,8-9,12-14H,5-7,10-11H2,1-2H3,(H,19,23);1H |
| InChiKey | QYZRTBKYBJRGJB-UHFFFAOYSA-N |