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# DATASHEET

## Bisindolylmaleimide IX methansulfonate

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### Product overview

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|--------------------------|---|
| <b>Name</b>              | Bisindolylmaleimide IX methansulfonate  |
| <b>Cat No</b>            | HB2958                                  |
| <b>Alternative names</b> | Bisindolylmaleimide IX                  |
| <b>Purity</b>            | >98%                                    |
| <b>Description</b>       | Selective, cell permeable PKC inhibitor |

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### Biological Data

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|-------------------------------|--|
| <b>Biological description</b> | Selective and cell permeable protein kinase C (PKC) inhibitor. Inhibits the stimulation of insulin secretion by glucose. Inhibits T cell activation. Apoptosis inducer. Potent glycogen synthase kinase-3 (GSK-3) inhibitor. Transcription inhibitor. Induces TNF receptor family-mediated cell death. Pim-1 kinase inhibitor. Antitumor compound. |
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### Solubility & Handling

|                             |   |
|-----------------------------|---|
| <b>Storage instructions</b> | +4 °C   |
| <b>Important</b>            | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

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### Chemical Data

|                           |   |
|---------------------------|---|
| <b>Molecular Weight</b>   | 553.7   |
| <b>Chemical structure</b> |   |
| <b>Molecular Formula</b>  | C <sub>25</sub> H <sub>23</sub> N <sub>5</sub> O <sub>2</sub> S.CH <sub>3</sub> SO <sub>3</sub> H |
| <b>CAS Number</b>         | 138489-18-6   |
| <b>PubChem identifier</b> | 11628205  |
| <b>SMILES</b>             | CS(O)(=O)=O.CN1C=C(C2=CC=CC=C12)C1=C(C(=O)NC1=O)C1=CN(CCCSC(N)=N)C2=CC=CC=C12                     |
| <b>InChiKey</b>           | SAWVGDJBSPLRRB-UHFFFAOYSA-N   |
| <b>Appearance</b>         | Red solid   |

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