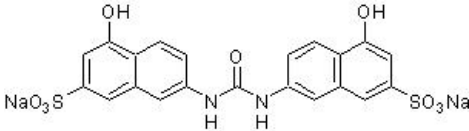


Product datasheet

AMI 1, protein arginine methyltransferase inhibitor  
ab141472

1 Image

Overview

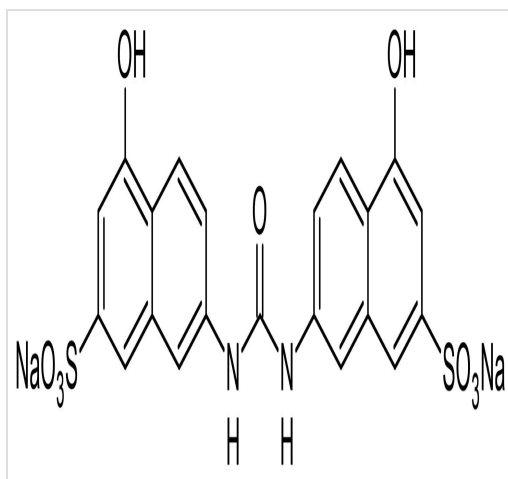
<b>Product name</b>	AMI 1, protein arginine methyltransferase inhibitor
<b>Description</b>	Potent, selective and reversible protein arginine methyltransferase inhibitor
<b>Biological description</b>	Potent, selective and reversible protein arginine methyltransferase inhibitor (IC <sub>50</sub> = 1.63 μM). ROS° scavenger with antioxidant effects (IC <sub>50</sub> = 8.3 μM). Inhibits arginine <i>in vitro</i> without competing for the AdoMet binding site. Modulates nuclear receptor-regulated transcription <i>in vivo</i> . Cell-permeable.
<b>Purity</b>	= 99%
<b>CAS Number</b>	20324-87-2
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	7,7'-(Carbonyldiimino)bis[4-hydroxy2-naphthalenesulfonic acid] disodium salt
<b>Molecular weight</b>	548.45
<b>Molecular formula</b>	C <sub>21</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>9</sub> S <sub>2</sub>
<b>PubChem identifier</b>	88489
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Insoluble in EtOH; insoluble in DMSO; ≥19.1 mg/mL in H <sub>2</sub> O
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

<b>SMILES</b>	<chem>C1=CC2=C(C=C(C=C2C=C1NC(=O)NC3=CC4=CC(=CC(=C4C=C3)O)S(=O)(=O)[O-])S(=O)(=O)[O-])O.[Na+].[Na+]</chem>
<b>Source</b>	Synthetic

## Images



2D chemical structure image of ab141472, AMI 1, protein arginine methyltransferase inhibitor

Chemical Structure - AMI 1, protein arginine methyltransferase inhibitor (ab141472)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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