

## Product Datasheet

### Gramine (orb1221701)

<b>Catalog Number</b>	orb1221701
<b>Category</b>	Small Molecules
<b>Description</b>	Gramine, also known as Donaxine, is a naturally occurring indole alkaloid present in several plant species. Gramine may play a defensive role in these plants, since it is toxic to many organisms. Gramine inhibits angiogenesis and induces apoptosis via modulation of TGF- $\beta$ signalling in 7,12 dimethylbenz[a]anthracene (DMBA) induced hamster buccal pouch carcinoma.
<b>Target</b>	Antioxidant
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	174.24
<b>Solubility (25°C)</b>	DMSO : $\geq$ 125 mg/mL; 717.40 mM
<b>CAS Number</b>	87-52-5
<b>Formula</b>	C <sub>11</sub> H <sub>14</sub> N <sub>2</sub>
<b>SMILES</b>	CN(C)Cc1c[nH]c2ccccc12
<b>Chemical Name</b>	3-(Dimethylaminomethyl)indole
<b>Storage</b>	Storage temperature: -20°C. Stability: $\geq$ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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