

Product Datasheet

3-Methoxy-9H-Carbazole (orb1818999)

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| Catalog Number | orb1818999 |
| Category | Small Molecules |
| Description | 3-Methoxy-9H-carbazole is a natural photosensitizer isolated from Klauseneria species. It demonstrates anti-breast cancer activity by inducing apoptotic cell death, making it a compound of interest for in vitro and in vivo oncological research. |
| Target | Apoptosis,Caspase,ROS,Photosensitizer,Reactive Oxygen Species |
| Purity | 99.24% (May vary between batches) |
| MW | 197.23 |
| Target Areas | Caspase Photosensitizer ROS Apoptosis Reactive Oxygen Species |
| Solubility (25°C) | DMSO:55 mg/mL (278.86 mM) |
| CAS Number | 18992-85-3 |
| Formula | C ₁₃ H ₁₁ NO |
| SMILES | COc1ccc2[nH]c3ccccc3c2c1 |
| Storage | Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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