

Product Name	: Lucigenin
Synonyms	: NSC-151912; L-6868
Cat No.	: M24059
CAS Number	: 2315-97-1
Molecular Formula	: C ₂₈ H ₂₂ N ₄ O ₆
Formula Weight	: 510.5
Chemical Name	: —
Description	: Lucigenin (L-6868) is a chemiluminescent probe used to indicate the presence of endogenously generated superoxide anion radicals in cells.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO:80mg/mL (156.71 mM)
SMILES	: <chem>C[n+](c1cccc11)c(cccc2)c2c1-c1c(cccc2)c2[n+](C)c2cccc12.[O-][N+](O)=O.[O-][N+](O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Li Y, et al. Validation of lucigenin (bis-N-methylacridinium) as a chemilumigenic probe for detecting superoxide anion radical production by enzymatic and cellular systems. J Biol Chem. 1998 Jan 23;273(4):2015-23.