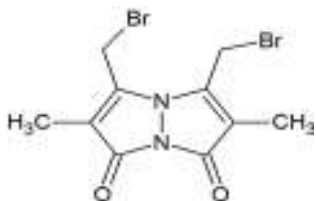


Dibromobimane

ALTERNATE NAME: NSC608550
syn-(bromomethyl,methyl)bimane
1,7-bis(bromomethyl)-2,6-dimethylpyrazolo[1,2-a]pyrazole-3,5-dione
NSC-608550
Thiolyte BB
dBBr

CATALOG #: B2673-5 5 mg
B2673-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₀Br₂N₂O₂

MOLECULAR WEIGHT: 350.01

CAS NUMBER: 68654-25-1

APPEARANCE: Crystalline solid

PURITY: ≥95%

SOLUBILITY: DMSO

DESCRIPTION: Dibromobimane, a bifunctional thiol-reactive fluorescent reagent that is used as a cross-linking agent for cysteine mapping and studies on protein structure/conformation and cross-linking processes. It is a unique fluorogenic crosslinking reagent for proteins due to the fact that it is unlikely to fluoresce until both of its alkylating groups have reacted. The excitation and emission maxima for dibromobimane are 394 and 490 nm, respectively.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Monobromobimane (2672)
Glutathione Fluorometric Assay Kit (K251)
Monochlorobimane (2671)
Glutathione Colorimetric Assay Kit (K261)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*