Product Datasheet

Rhodamine 6G hydrazide

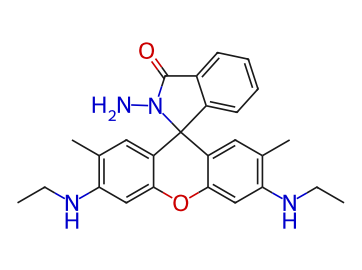
Catalog No. **BP-00057** · CAS **932013-08-6** · Form **free base** · Physical state **solid** · Color **off-white to pink** · Version **1.0** · Revision **2026-11-04**

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Target	Research area
Fluorescent Dye	**Others**

Molecular formula	$C_{26}H_{28}N_4O_2$
Molecular weight	**428.5261**

STRUCTURE



DESCRIPTION

Rhodamine 6G hydrazide (R6GH) is a fluorescent dye. Rhodamine 6G hydrazide can be used in selective colorimetric and fluorescent sensing. Emission (Em) :548; Excitation (Ex):525.

BIOLOGICAL ACTIVITY

In Vitro

Guide (The following is the recommended solution. This solution is provided for guidance only. You can adjust it according to your actual needs.) [1]

Prepare a Rhodamine 6G hydrazide (1.0 mM) solution in methanol.

2. Dilute the sample to be tested with Rhodamine 6G hydrazide to the working concentration.

3. Mix Rhodamine 6G hydrazide with the sample containing the target ions in a quartz cuvette.

4. Record the spectral data (Ex = 500 nm).

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Upadhyay Y, et al. Optical sensing of hydrogen sulphate using rhodamine 6G hydrazide from aqueous medium. Spectrochim Acta A Mol Biomol Spectrosc. 2017 Jun 5;180:44-50.

Lot CoA and SDS are separate documents.