
Product Data Sheet

Product Name: ROX azide, 5- isomer

Cat. No.: GC17438

Chemical Properties

Cas. No.

SMILES O=C(NCCCN=[N+]=[N-])C(C=C1C([O-])=O)=CC=C1C(C2=CC3=C(N4CCC3)C(CCC4)=C2O5)=C6C5=C7C8=[N+](CCC7)CCCC8=C6

Formula $C_{36}H_{36}N_6O_4$ M.Wt 616.71

Solubility good in polar organic solvents (DMF, DMSO, alcohols), low in water

Storage 24 months after receipt at $-20^{\circ}C$ in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available sizes: ship with RT, or blue ice upon request.

Structure **Background**

ROX (rhodamine-X) azide, solid material, and 10 mM solution in DMSO, labeling reagent for Click Chemistry. ROX is a red-emitting rhodamine dye possessing high brightness and fluorescence quantum yield. Pure 5-isomer.

Caution: Product has not been fully validated for medical applications. For research use only.

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