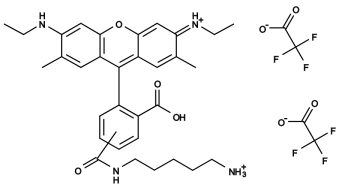
5(6)-Carboxyrhodamine 6G cadaverine

Catalog number: 343
Unit size: 1 mg

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Red solid
Molecular Weight	770.72
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	522 nm
Emission Wavelength	546 nm

Applications

5(6)-Caroxyrhodamine 6G cadaverine is a building block for developing rhodamine bioconjugates. It is so a fluorescent transglutaminase substrate to label proteins by transaminidation. In general, rhodamine 6G conjugates have higher fluorescence quantum yields than tetramethylrhodamine conjugates, as well as good photostability. The excitation and emission wavelengths of rhodamine 6G fall between those of fluorescein and tetramethylrhodamine derivatives, making 5(6)-CR6G another color choice for the multicolor fluorescence imaging applications. 5(6)-CR6G is the mixture of two carboxy rhodamine 6G isomers.

Tel: 408-733-1055 | Fax: 408-733-1304 | Email: support@aatbio.com | For Research Use Only (RUO)