

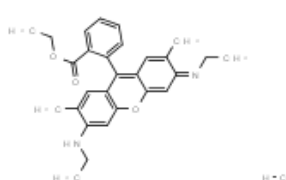
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC34127
Name	Rhodamine 6G

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## Chemical Properties

CAS	
Formula	C <sub>28</sub> H <sub>31</sub> CLN <sub>2</sub> O <sub>3</sub>
MW	479.01
Storage	
Structure	 <p>The image shows the chemical structure of Rhodamine 6G, a xanthene dye. It consists of a central xanthene ring system with a dimethylamino group (-N(CH<sub>3</sub>)<sub>2</sub>) at the 4-position, a diethylamino group (-N(CH<sub>2</sub>CH<sub>3</sub>)<sub>2</sub>) at the 6-position, and a carboxylate group (-COO<sup>-</sup>) at the 3-position. The structure is shown as a zwitterion with a positive charge on the nitrogen at the 6-position and a negative charge on the oxygen of the carboxylate group. The label 'H<sup>+</sup> Cl<sup>-</sup>' is present below the structure, indicating it is a hydrochloride salt.</p>
Purity	

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