

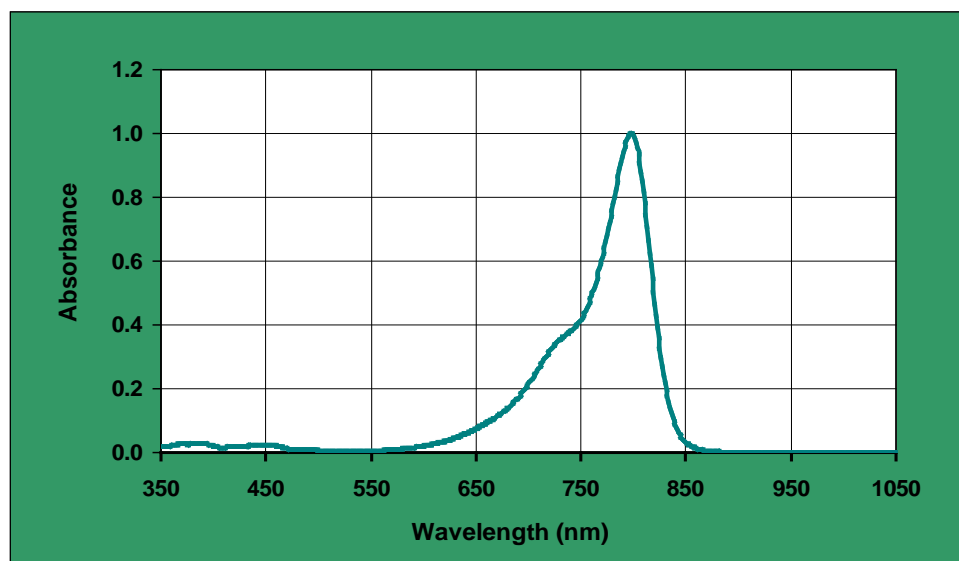
**American Dye Source, Inc.**

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Product	<b>SOLVENT SOLUBLE NEAR INFRARED DYE ADS798SM</b>
Chemical Name	2-[2-[3-[2-(1,3-Dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)ethylidene]-2-(1-phenyl-1H-tetrazol-5-ylsulfanyl)-1-cyclohexen-1-yl]-ethenyl]-1,3,3-trimethyl-3H-indolium chloride
Appearance	Green crystals
CAS Registry Number	440102-72-7
Melting Point	150 – 152 °C (with decomposition, DSC @ 20 °C/minute)
Absorption Maximum	798 nm (in methanol)
Absorption Coefficient	$2.20 \times 10^5 \text{ L mol}^{-1} \text{ cm}^{-1}$
Chemical Structure	



Absorption spectrum of ADS798SM in methanol