

Product No.

F2H152N

Lot No.

PB09A-AR

Star Fluor 680 - NHS ester

Comments: Water soluble amine-reactive pentamethine cyanine. NIR fluorochrome used as fluorescent tag. Forms stable amide bond with primary amines at pH 7-9.

CAS No:

Mol. Formula: C₅₂H₄₈ Na₅N₃O₂₂S₆

Mol. Weight: 1374.26

λ_{abs} (nm): 677

λ_{em} (nm): 703

ε (M⁻¹cm⁻¹): 195000

Assay: ≥90%

Storage: -20 °C, Keep under Argon, Photosensitive

Stability/Expiry Date: Recommended retest 02/2024

TEST	SPECIFICATIONS	LOT RESULT
Appearance (Colour/Form):	Dark blue solid	Dark blue solid
¹ H-NMR:	Conforms to structure	Conforms,
HPLC (Area %):	Min. 90%	>98%

Document Release Date: 09/02/2022

Document Revision: 00

Approved:



Quality Control Technician

Reviewed:



Production Manager

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