

Product Datasheet

Sulfo-Cy5-Azide (orb107855)

Description	Abs/Em = 647/663 nm
Form/Appearance	powder; Color: blue
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Properties: λ _{abs} 647 nm, λ _{em} 663 nm, ε 251.0 L mmol ⁻¹ cm ⁻¹ .
Formula	C ₃₇ H ₄₈ N ₆ O ₁₀ S ₃
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 833.01 g/mol (free acid); Detected MW: 832.26 g/mol (free acid)
CAS Number	1782950-80-4
SMILES	<chem>c1c(ccc2c1C(C(=[N+]2CCCCC(=O)NCCCN=[N+]=[N-])/C=C/C=C/C=C/1\C(c2cc(ccc2N1CCCS(=O)(=O)O)S(=O)(=O)O)(C)C)(C)S(=O)(=O)[O-]</chem>
Solubility (25°C)	DMF, DMSO, MeOH, water
Expiration Date	12 months from date of receipt.