

Product Datasheet

JF646-Hoechst (orb2565918)

Catalog Number	orb2565918
Category	Tools
Description	JF646-Hoechst is a red-fluorescent DNA stain (Ex/Em 655/670 nm) ideal for super-resolution PAINT imaging in bacterial and cellular research. It effectively replaces antibody-oligonucleotide conjugates for in vitro and in vivo nucleic acid visualization, offering a simpler, small-molecule alternative.
Target	Others
MW	1119.39
CAS Number	2462011-60-3
Formula	$C_{64}H_{70}N_{10}O_7Si$
SMILES	<chem>C([O-])(=O)C1=C(C=2C=3C([Si](C)(C)=4C2C=CC(C4)=[N+]5CCC5)=CC(=CC3)N6CC6)C=C(C(NCCOCCOCCNC(CCCOC7=CC=C(C=C7)C=8NC=9C(N8)=CC=C(C9)C=%10NC=%11C(N%10)=CC=C(C%11)N%12CCN(C)CC%12)=O)=O)C=C1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)