

Product Datasheet

Estradiol Glow protein (orb533687)

Description	Estradiol Glow is the ovarian steroid hormone 17-β-Estradiol labeled with a novel low molecular wei...
Form/Appearance	lyophilised, glassy to waxy appearance; Color: brownish-red
Storage	store at 4 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 467 nm, λ _{em} 618 nm, ε 29.0 L mmol ⁻¹ cm ⁻¹ (PBS pH 7.4), λ _{exc} 501 nm, λ _{em} 596 nm, ε 52.0 L mmol ⁻¹ cm ⁻¹ (ethanol).
Formula	C ₄₇ H ₆₇ BrN ₂ O ₂
Purity	> 97% (DC, NMR)
MW	Theoretical MW: 771.95 g/mol
SMILES	<chem>c1c(ccc(c1)/C=C/c1cc[n+](cc1)CCCCCCCCOc1ccc2c(c1)CCC1C2CC[C@]2([C@H](CCC12)O)C)N(CCCC)CCCC.Br</chem>
Solubility (25°C)	High: MeOH, EtOH, PrOH, DMSO, DMF, Moderate: acetone, CH ₂ Cl ₂ , CH ₃ Cl, THF, Low: H ₂ O and aqueous buffer systems (after presolution in DMSO > 1 μM), Insoluble: Et ₂ O, hydrocarbons such as hexane, heptane, benzene
Expiration Date	6 months from date of receipt.