

Product Name	: HBC 530
Synonyms	: Benzeneacetonitrile, 4-cyano- α -[[4-[(2-hydroxyethyl)methylamino]phenyl]methylene]-
Cat No.	: M23679
CAS Number	: 156840-13-0
Molecular Formula	: C ₁₉ H ₁₇ N ₃ O
Formula Weight	: 303.4
Chemical Name	: —
Description	HBC 530 is a mimic of green fluorescent protein (GFP) fluorophore for imaging RNA in live cells. ?Fluoresces when bound to Pepper aptamer; ?displays high affinity binding (K _d = 3.5 nM). ?Suitable for confocal and two-photon microscopy. ?Confocal excitation maximum = 488 nm, emission maximum= 495 - 595 nm. ?Two-photon excitation maximum = 976 nm, emission maximum= 475 - 575 nm.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO:100mM
SMILES	: <chem>CN(CCO)c1ccc(/C=C(\c(cc2)ccc2C#N)/C#N)cc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: