

Product Name	: DO1
Synonyms	: Disperse Orange 1
Cat No.	: M21106
CAS Number	: 2581-69-3
Molecular Formula	: C ₁₈ H ₁₄ N ₄ O ₂
Formula Weight	: 318.33
Chemical Name	: 4-((4-Nitrophenyl)diazanyl)-N-phenylaniline
Description	: DO1 is an anti-amyloid agent which potently delays both seeded and non-seeded Aβ ₄₂ polymerization at substoichiometric concentrations.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: —
SMILES	: O=[N+](O)c1ccc(N=Nc2ccc(Nc3ccccc3)cc2)cc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Boeddrich A Babila JT Wiglenda Tet al.The Anti-amyloid Compound DO1 Decreases Plaque Pathology and Neuroinflammation-Related Expression Changes in 5xFAD Transgenic Mice[J].Cell Chem Biol. 2019 Jan 17 ;26(1):109-120.e7.?