Product Name	:	DFO
Synonyms	:	9H-1,8-Diazafluoren-9-one
Cat No.	:	M22368
CAS Number	:	54078-29-4
Molecular Formula	:	C11H6N2O
Formula Weight	:	182.18
Chemical Name	:	——
Description	:	DFO (9H-1,8-Diazafluoren-9-one) is used to find fingerprints on porous surfaces.1,8-diazafluoren-9-one (DFO) is used in the forensic field to enhance latent fingerprints deposited on porous surfaces due to the formation of fluorescent products by reacting with the amino acids present in the papillary exudate. DFO has been the most used because of its excellent enhancing properties.
Pathway	:	Others
Target	:	Other Targets
Receptor	:	Others
Solubility	:	DMSO:20 mg/mL (109.78 mM; Need ultrasonic)
SMILES	:	O=C1C2=NC=CC=C2C3=CC=CN=C31
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.D'Elia V, et al. Evaluation and comparison of 1,2-indanedione and 1,8-diazafluoren-9-one solutions for the enhancement of latent fingerprints on porous surfaces. Forensic Sci Int. 2015 Sep;254:205-14.