

Fluorescent Reagents

Cat. No.	Description	CAS
227585	o-Phthalaldehyde, 99%	643-79-8
494598	Pyranine, 85%	6358-69-6
493912	1-Pyrenebutyric acid, 97%	3443-45-6
333410	N-(1-Pyrenyl)maleimide, 97%	42189-56-0
322481	Pyridoxal hydrochloride, 98%	65-22-5
348554	Quinine, 99%, anhydrous	130-95-0
196875	Rhodamine 110, 98.5%	13558-31-1
211600	Rhodamine 123, 98%	62669-70-9
151183	Rhodamine 6G, C.I. 45160, 98.5%	989-38-8
138575	Sulforhodamine B acid chloride	62796-29-6
214421	p-Terphenyl, 99%	92-94-4
557673	meso-Tetraphenylporphyrin, TPP, 97%	917-23-7
319297	4,4,4-Trifluoro-1-(2-naphthyl)-1,3-butanedione, 98%	893-33-4

Fluorescent Stains

Cat. No.	Description	CAS
103898	Acridine, 98%	260-94-6
463194	Acridine Orange, dye content 52%	10127-02-3
261543	Acriflavine, 97%	8048-52-0
422005	8-Anilino-1-naphthalenesulfonic acid hemimagnesium salt hydrate, 95%	18108-68-4
341154	Bisbenzimidazole H 33342 trihydrochloride, 98%	23491-52-3
255983	4,4'-Bis(2-sulfonatostyryl)biphenyl disodium salt, 98%	27344-41-8
159703	Calcein	1461-15-0
186468	5(6)-Carboxyfluorescein N-hydroxysuccinimide ester, 90%	117548-22-8
385727	1,3-Cyclohexanedione, 99%	504-02-9
560965	4',6-Diamidino-2-phenylindole dihydrochloride, DAPI dihydrochloride, 98%	28718-90-3
164579	5-Dimethylamino-1-naphthalenesulfonyl chloride, 98%	605-65-2
113424	Doxorubicin hydrochloride, 98%	25316-40-9
500224	Ethidium Bromide, EB, 95%	1239-45-8
194222	Fluorescein 5(6)-isothiocyanate, 5(6)-FITC, 95%, for fluorescence, mixture of 5- and 6- isomers	27072-45-3
398607	Hoechst 33258, 98%	23491-45-4
593562	Indocyanine Green	3599-32-4
279945	Propidium iodide, 95%	25535-16-4
212641	Pyrene, 98%	129-00-0
515323	Pyronin Y	92-32-0
997096	Rhodamine B, 95%	81-88-9
161482	Thioflavin T, 98%	2390-54-7
404254	Xanthotoxin, 98%	298-81-7

Fluorescent Reagents

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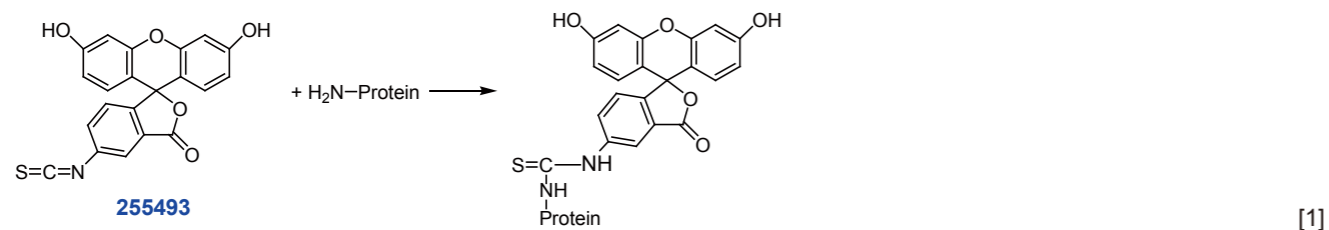
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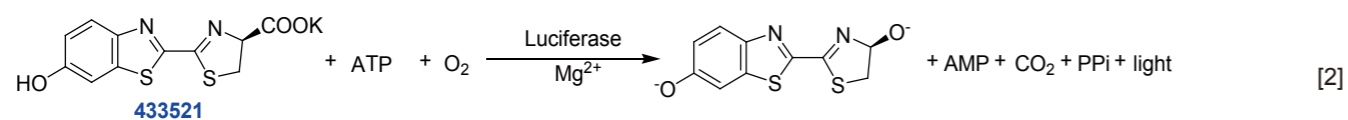
Fluorescence techniques have been widely used in life science research, especially for analysis and detection of nucleic acids, proteins, peptides and other biomolecules.

J&K provides novel and high quality fluorescent technology, including fluorescent enzyme substrates, fluorescent labeling reagents, fluorescent stains, fluorescent indicators and probes.

- For protein labeling to sequence of proteins and peptides



- For biophotonic imaging and high-throughput screening applications



References

- [1] Fegan A, Kumarapperuma S C, Wagner C R, Chemically Self-Assembled Antibody Nanostructures as Potential Drug Carriers, *Molecular Pharmaceutics*. **2012**, 9(11):3218-3227
- [2] Erez Y, Presiado I, Gepshtein R, Pinto da Silva L, Esteves da Silva JC, Huppert D. Comparative study of the photoprotolytic reactions of D-luciferin and oxyluciferin, *Journal of Physical Chemistry A*. **2012**, 116(28):7452-61

Fluorescent Labeling Reagents

Cat. No.	Description	CAS
612818	N-(9-Acridinyl)maleimide, 98%	49759-20-8
338112	Actinomycin D, 98%	50-76-0
136759	4-Aminobenzamidine dihydrochloride, 98%	2498-50-2
299867	5-Aminofluorescein, 95%	3326-34-9
299866	5(6)-Aminofluorescein, 98%	27599-63-9
431318	7-Amino-4-methylcoumarin, 98%	26093-31-2
270732	2-Aminopyridine, 2-AP, 99%	504-29-0
102767	4-(Aminosulfonyl)-7-fluorobenzofurazane, ABD-F, 98%	91366-65-3
330166	7-Amino-4-trifluoromethylcoumarin, 95%	53518-15-3
442848	8-Anilino-1-naphthalenesulfonic acid ammonium salt, 97%	28836-03-5
458606	Anthracene, 98.5%	120-12-7
246883	9-Anthraldehyde, 99%	642-31-9
129426	Auramine O	2465-27-2
104224	1,2-Bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid tetrasodium salt, 97%	126824-24-6
427297	Bis(2,4,6-trichlorophenyl)oxalate, 98%	1165-91-9
992216	9-(Bromomethyl)acridine, 98%	1556-34-9

Cat. No.	Description	CAS
418944	4-Bromomethyl-7-methoxycoumarin, 97%	35231-44-8
258764	5(6)-Carboxyfluorescein, 97%	72088-94-9
992375	6-Carboxyfluorescein, 98%	3301-79-9
142320	5(6)-Carboxyfluorescein diacetate N-succinimidyl ester, 90%	150347-59-4
562385	4-(N-Chloroformylmethyl-N-methylamino)-7-nitro-2,1,3-benzoxadiazole, 92%	140164-85-8
434551	9-Chloromethylanthracene, 98%	24463-19-2
194928	4-Chloro-7-nitrobenzofurazan, NBD-Cl, 98%	10199-89-0
293655	Dansylamide, 98%	1431-39-6
388477	4-(Dansylamino)phenyl isothiocyanate, 98%	102417-94-7
276443	Dansyl hydrazine, 98%	33008-06-9
504130	7,8-Dihydroxycoumarin, 98%	486-35-1
341724	3,5-Diaminobenzoic acid, 98%	535-87-5
997629	1,8-Diaminonaphthalene, 90%	479-27-6
102273	2,3-Diaminonaphthalene, 97%	771-97-1
234356	1,8-Diazafluoren-9-one, 99%	54078-29-4
223219	2',7'-Dichlorofluorescein	76-54-0
404608	2',7'-Dichlorofluorescein 3',6'-diacetate, 96%	2044-85-1
564434	6,7-Dihydroxycoumarin, 98%	305-01-1
172953	(3,4-Dimethoxyphenyl)acetonitrile, 98%	93-17-4
393824	N,N'-Dimethyl-9,9'-bisacridinium nitrate, 95%	2315-97-1
571461	Eosin Y disodium salt, 85%	17372-87-1
128686	9-Fluorenylmethyl carbazate, 98%, derivatization grade	35661-51-9
197308	9-Fluorenylmethyl chloroformate, 98%	28920-43-6
988398	Fluorescamine, 98%	38183-12-9
487758	Fluorescein, 99%	2321-07-5
487759	Fluorescein disodium salt	518-47-8
255493	Fluorescein isothiocyanate isomer I, FITC(isomer I), 95%	3326-32-7
196963	7-Fluorobenzofurazan-4-sulfonic acid ammonium salt, SBD-F, 99%	84806-27-9
301307	4-Fluoro-7-nitrobenzofurazan, NBD-F, 98%	29270-56-2
463132	4-Fluoro-3-nitrobenzoic acid, 98%	453-71-4
205040	4-Hydrazino-7-nitro-benzofurazan hydrazine adduct, 98%	131467-87-3
185846	4-Hydroxybenzhydrazide, 98%	5351-23-5
153384	7-Hydroxycoumarin, 98%	93-35-6
212017	7-Hydroxy-4-methylcoumarin-3-acetic acid, 98%	5852-10-8
266791	4-Hydroxyphenylacetic acid, 98%	156-38-7
200892	7-Hydroxy-4-(trifluoromethyl)coumarin, 98%	575-03-1
433521	D-Luciferin potassium salt, 98%	115144-35-9
519244	1-Methylpyrene, 97%	2381-21-7
337922	2,3-Naphthalenedicarboxaldehyde, 99%, derivatization grade	7149-49-7
985419	Nile Red, 97.5%	7385-67-3
323974	9,10-Phenanthrenequinone 98%	1984-11-7
279465	Phenanthridine, 98%	229-87-8
576646	o-Phenylenediamine, 99.5%	95-54-5