Digoxigenin NHS ester

Activated ester that reacts with amino groups

Digoxigenin is a non-radioactive immune-tag, widely used for *in situ* hybridization and protein labeling. Pairing with anti-digoxigenin antibodies, digoxigenin tag allows the detection of interested biomolecules with high affinity and specificity. Digoxigenin NHS ester reacts with amino groups within biomolecules (nucleic acid, proteins, etc) and enables the attachment of digoxigenin into these molecules.

Citations: 4 View Online »

Ordering Information

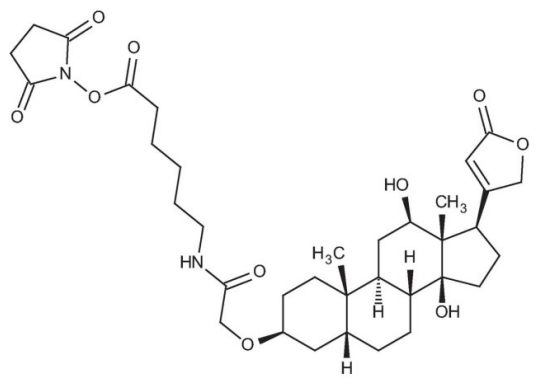
Order Online »

ENZ-45022-0001	1mg
ENZ-45022-0005	5mg

Manuals, SDS & CofA

View Online »

- Used for labeling of proteins and oligonucleotides
- Allows to immuno-tag molecules for detection using anti-digoxigenin antibodies with high affinities and specificity


O
O
N
O
O
O
HN
O
O
H3C
H
HO
CH3
O
O
H
H
OH


Enzo

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Handling	Store in a dry place.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Off-white solid.
CAS	129273-26-3
Formula	$C_{35}H_{50}N_2O_{10}$
MW	658.78
Purity	≥80% (HPLC)
Solubility	Soluble in DMSO or DMF.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.