

Interchim Innovations

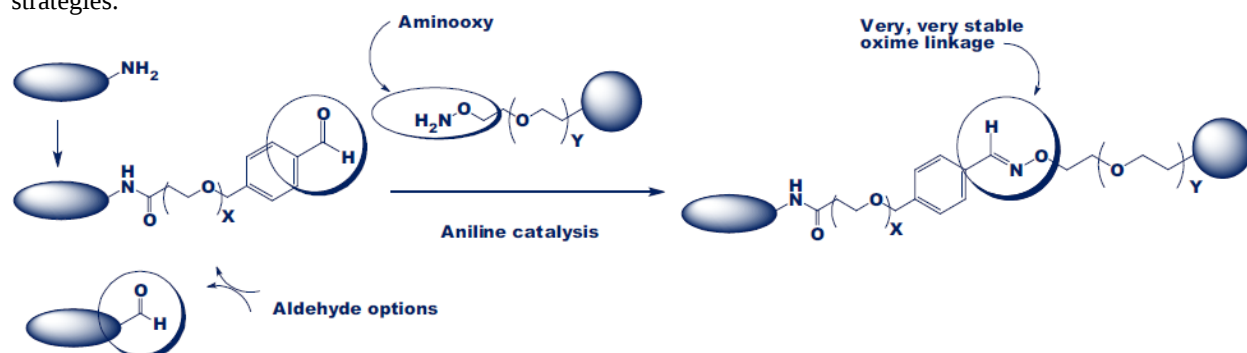
Interbiotech - BioScience Innovations

P04E

Amino-Oxy reagents, for conjugation with aldehydes and ketones

Provide an extremely stable linkage!

The **AminoOxy moiety** react specifically with aldehydes and ketones, yielding an extremely stable oxime linkages. Reagents containing the AminoOxy group are thus very useful as building blocks, linkers, and for labeling or immobilization strategies.



AminoOxy-PEO reagents are available conjugated with

- standard chemical groups, such as carboxyl, amine,
- reactive groups, such as NHS ester and azide,
- hydrophilic spacer, PEO
- with tags, such as Biotin.
- with fluorescent dyes, such CF dyes,

• AminoOxy - carboxyl, amine, ... and reactive groups

AminoOxy-PEO₃-Azide

MW: 234.25

FZ8700, 100mg 325\$/100mg; 2600\$/1g; BER.

Fmoc-AminoOxy-PEO₁₂-acid

MW = 855.96

JV2290, 100mg

Incorporate a terminal aminoOxy into a peptide with a PEO to directly conjugate to an aldehyde!

Amino-PEO₁₁-aminoOxy-t-boc

MW= 660.79

JV2300, 100mg

Adding an aminoOxy moiety with PEO that is carbonyl reactive

PhthNO-PEO₁₂-NHS ester

MW= 860.90

JV2310, 100mg

Useful as a conjugation reagent, with biologically relevant CHO's or with the 4-FB-PEOs

AminoOxy-PEO₁₂-Amido-PEO₁₂-(m-PEO₁₁)₃

MW= 3045.60

JV2330, 100mg

A unique branched Amino-Oxy-PEO compounds

See detailed information in the technical sheet FT- [JV2290](#)

• AminoOxy – Labeling reagents (Biotin, Fluorescent)

CF dye – AminoOxy conjugates

CF TM 350, aminoOxy	(347/448nm, EC:18000)	AQK480, 1mg
CF TM 405S, aminoOxy	(404/431nm, EC:33000)	EQH850, 1mg
CF TM 488A, aminoOxy	(347/448nm, EC:70000)	FK7610, 1mg
CF TM 568, aminoOxy	(562/583nm, EC:400000)	EQH870, 1mg
CF TM 594, aminoOxy	(593/614nm, EC:115000)	AQK490, 1mg
CF TM 640R, aminoOxy	(642/662nm, EC:105000)	EQH880, 1mg

See detailed information in the technical sheet FT- [1H3460](#)

Related products/documents

[Products HighLights Overview](#), including:

[FluoLids dyes labeling](#) – , the solid fluorescence technology

[Remarkable conjugation tools](#): PEO crosslinkers (hydrophilic spacers), Hydrazone chemistry (flexible method using stable activation step), Click Chemistry & Staudinger ligation (versatile and mild conjugation), Multifunctional cross-linkers

[Dialysis and Desalting tools](#) – CelluSep tubings, SpectraPor tubings, GebaFlex, FloatALyser, SlideALyser,...

Information inquire

Reply by Fax : +33 (0) 4 70 03 82 60 or email at interbiotech@interchim.com

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