

FT-280091

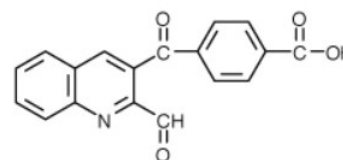


# CBQCA Derivatization Reagent

*Amine-Reactive Fluorescent probe that reacts with primary amines to form conjugates that can be analyzed by electrophoretic or chromatographic methods*

## Product Description

<b>Name :</b>	<b>CBQCA Derivatization Reagent</b> 3-(4-carboxybenzoyl)quinoline-2-carboxaldehyde
<b>Catalog Number :</b>	FP-280091, 10 mg
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>11</sub> NO <sub>4</sub>
<b>CAS :</b>	CAS 131124-59-9
<b>MW :</b>	305.29
<b>λ<sub>max</sub> Exc. / Em.</b>	450/550 nm
<b>Extinction Coefficient:</b>	36,000 ± 3,000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Solubility:</b>	DMF, DMSO, 10-20% Methanol/Chloroform and basic buffer
<b>Storage :</b>	Freeze: Store at -5 to -30°C . Protect from light and moisture



## Directions for use

A 10 mM solution of CBDCA in DMSO can be prepared by dissolving 4 mg CBQCA in 1,64 ml DMSO. Protocols may be found in the litterature.

## Bibliographic Reference

- **Cyr Y. et al.** Lower plasma PCSK9 in normocholesterolemic subjects is associated with upregulated adipose tissue surface-expression of LDLR and CD36 and NLRP3 inflammasome, *Physiological Reports* 9:3 (2021)
- **Graves SW, et al.** Direct fluorescent staining and analysis of proteins on microspheres using CBQCA. *Cytometry A* 65:50-58 (2005)
- **Liu JP et al.** Ultrasensitive fluorometric detection of carbohydrates as derivatives in mixtures separated by capillary electrophoresis, *PNAS* 88(6):2302-2306 (1991)

## Related items

- Potassium Cyanine, BE6080
- RIPA lysis and Extraction Buffer, HG4361
- FQ Derivatization Reagent, FP-865249

## Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>. Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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