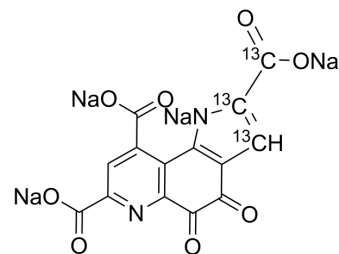


Pyrroloquinoline quinone-¹³C₃ sodium

Cat. No.:	HY-100196S1
Molecular Formula:	C ₁₁ ¹³ C ₃ H ₂ N ₂ Na ₄ O ₈
Molecular Weight:	421.11
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

Pyrroloquinoline quinone-13C₃ (sodium) is an isotope of Pyrroloquinoline quinone. Pyrroloquinoline quinone (PQQ), a redox co-factor, is an anionic, redox-cycling orthoquinone. Pyrroloquinoline quinone is isolated from cultures of methylotropic bacteria and tissues of mammals. Pyrroloquinoline quinone is an essential nutrient for mammals and is important for immune function^[1].

REFERENCES

- [1]. Moog RS, et al. Evidence for methoxatin (pyrroloquinolinequinone) as the cofactor in bovine plasma amine oxidase from resonance Raman spectroscopy. Proc Natl Acad Sci U S A. 1986, 83, 22.
- [2]. Bishop A, et al. Methoxatin (PQQ) in guinea-pig neutrophils. Free Radic Biol Med. 1994, 17, 4.

Caution: Product has not been fully validated for medical applications. For research use only.

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