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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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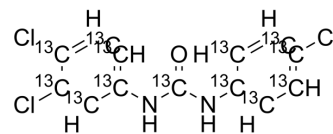
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Triclocarban-¹³C₁₃

Cat. No.:	HY-B1805S1
Molecular Formula:	¹³ C ₁₃ H ₉ Cl ₃ N ₂ O
Molecular Weight:	328.49
Target:	Isotope-Labeled Compounds; Bacterial
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Triclocarban-¹³C₁₃ (3,4,4'-Trichlorocarbanilide-¹³C₁₃) is ¹³C labeled Triclocarban. Triclocarban (3,4,4'-Trichlorocarbanilide), a broad spectrum antibacterial compound, is widely used in a broad range of applications such as the production of soaps, skin creams, toothpastes and deodorants. Triclocarban is a potential endocrine-disrupting chemical with the capacity to modulate androgen and estrogen activities as well as other hormone-mediated biological processes^{[1][2][3][1][2][3][4]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Kanbara Y, et al. Nanomolar concentration of triclocarban increases the vulnerability of rat thymocytes to oxidative stress. J Toxicol Sci. 2013 Feb;38(1):49-55.
- [3]. Huang H, et al. The in vitro estrogenic activities of triclosan and triclocarban. J Appl Toxicol. 2014 Sep;34(9):1060-7.
- [4]. Kennedy RC, et al. Early life triclocarban exposure during lactation affects neonate rat survival. Reprod Sci. 2015 Jan;22(1):75-89.

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

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