

Discovery Report

Patent: EVE-PAT-2026-001 | Organiq Sweden AB

1 - DISCOVERY

QUERY	Auto-scan: Biosynthesis of DHA-derived SPMs
COMPOUND	TETRACYCLINE HCL
DISCOVERY SCORE	174.391
ENGINE	DISCOVERY_v1.1
CORPUS VERSION	current
GENERATED	2026-05-20T02:00:03.190Z

2 - EVIDENCE

TARGETS	CYP2D6, CYP3A7, RORC, TP53, CYTOCHROME, ABCB1, TOP1P1, IP6K1
PATHWAYS	Metabolism, Biological oxidations, Cytochrome P450 - arranged by substrate type, Fatty acids, Phase I - Functionalization of compounds, Miscellaneous substrates, Xenobiotics, CYP2E1 reactions
EVIDENCE SCORE	49.50
STUDIES	52

X-VAULT EVIDENCE SEAL

SYSTEM	BiohacksAI XVAULT_v1
DISCOVERY ID	DISC-tetracycline_hcl-20260520-6e6f84e5
EVENT HASH	7291bd631d5c3f60...dc3123f7
CHAIN HASH	af77edbb9a05fc6c...f5bc425c
PREV HASH	2f351f3e85b9bba6...219db78d
CORPUS VERSION	current
CORPUS ROOT	NOT_AVAILABLE...AVAILABLE
VAULT INDEX	3116
SEALED AT (UTC)	2026-05-20T02:00:03.223Z

- VERIFICATION

This document is cryptographically sealed by the BiohacksAI X-Vault Evidence Engine. The discovery payload hash and corpus Merkle root can be independently verified.

Verify at: eveverified.com/verify

Verification fingerprint: 7291bd631d5c3f60...dc3123f7

