

## Discovery Report

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

## 1 - DISCOVERY

QUERY	Auto-scan: Synthesis of epoxy (EET) and dihydroxyeicosatrienoic acids (DHET)
COMPOUND	FEPRAZONE
DISCOVERY SCORE	718.134
ENGINE	DISCOVERY_v1.1
CORPUS VERSION	current
GENERATED	2026-05-20T02:00:00.944Z

## 2 - EVIDENCE

TARGETS	CYP2C19, AR, NR1I2, CYP3A4, TDP1, NFE2L2, CYP3A7, ESR2, NR3C1, TP53
PATHWAYS	Metabolism, Biological oxidations, Cytochrome P450 - arranged by substrate type, Phase I - Functionalization of compounds, Xenobiotics, CYP2E1 reactions, Synthesis of epoxy (EET) and dihydroxyeicosatrienoic acids (DHET), Arachidonate metabolism
EVIDENCE SCORE	42.70
STUDIES	63

## X-VAULT EVIDENCE SEAL

SYSTEM	BiohacksAI   XVAULT_v1
DISCOVERY ID	DISC-feprazone-20260520-160ed850
EVENT HASH	a7b8c0c878aefd60...5367ad8f
CHAIN HASH	776a17234c2d97ed...58b617f8
PREV HASH	d9176341d3cb6af1...f98a55f6
CORPUS VERSION	current
CORPUS ROOT	NOT_AVAILABLE...AVAILABLE
VAULT INDEX	3089
SEALED AT (UTC)	2026-05-20T02:00:01.078Z

## - 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](https://eveverified.com/verify)

Verification fingerprint: a7b8c0c878aefd60...5367ad8f

