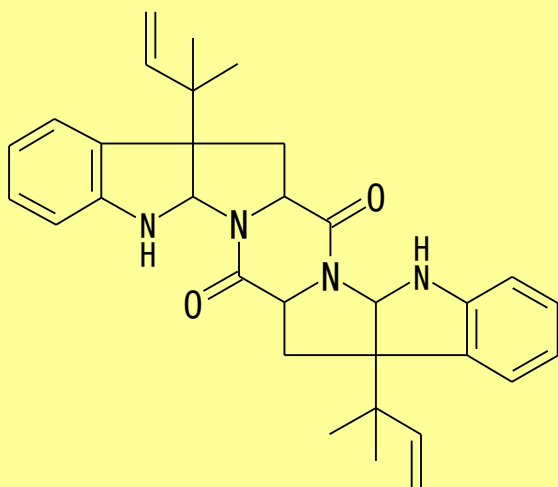


# Amauromine

Cat.# BLK-1040

## Structure



**Origin:** *Gymnascella* sp.

**CAS Registry Number:** 88360-87-6

**Appearance:** lassy brown solid

**Molecular Formula/ Weight:**  
C<sub>32</sub>H<sub>36</sub>N<sub>4</sub>O<sub>2</sub>=508.66

**Purity:**>95.0% by HPLC

**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO

### Background Information:

Amauromine, diketopiperazine antibiotic, was isolated from *Amauroascus* sp.. It shows vasodilator activity by calcium channel blocker.

### Handling and Storage:

Store at -20°C.

### References:

1. J Antibiot (Tokyo). 1984 Nov;37(11):1320-23.
2. Chem Pharm Bull (Tokyo). 2010 May;58(5):717-9.

*Manufactured with Cortesy strain from The Kitasato Institute.*