

# Diphenylterazine

## Catalog No: tcsc0040304



### Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



### Specifications

**CAS No:**

344940-63-2

**Formula:**

$C_{25}H_{19}N_3O$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 19$  mg/mL (50.34 mM); H<sub>2</sub>O :

**Alternative Names:**

DTZ

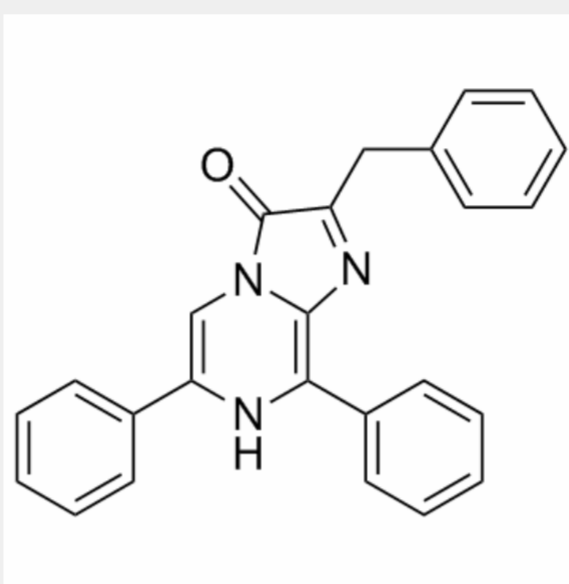
**Observed Molecular Weight:**

377.44

### Product Description

Diphenylterazine is a bioluminescence agent.

**In Vitro:** Diphenylterazine is a bioluminescence agent. Diphenylterazine alone yields very little background, leading to excellent signal-to-background ratios. Furthermore, Diphenylterazine elicits minimal cell toxicity at millimolar concentrations. Diphenylterazine injections into untransfected BALB/c mice do not yield any background emission. The bioluminescence resulting from intraperitoneally injected Diphenylterazine displays extended kinetics<sup>[1]</sup>.



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