

# Saccharin 1-methylimidazole

Catalog No: tcsc0043223



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

482333-74-4

**Formula:**

$C_{11}H_{11}N_3O_3S$

**Pathway:**

Cell Cycle/DNA Damage

**Target:**

DNA/RNA Synthesis

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 6 mg/mL (22.62 mM; Need ultrasonic and warming)

**Observed Molecular Weight:**

265.29

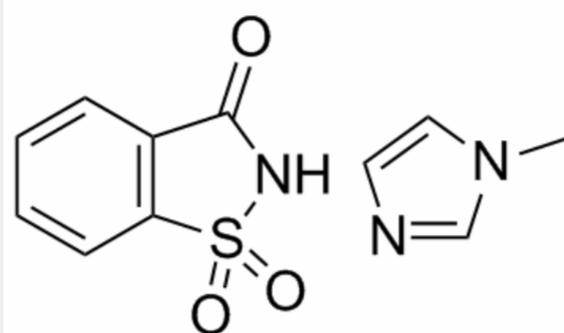
## Product Description

Saccharin 1-methylimidazole is an activator for **DNA/RNA Synthesis**.

IC50 & Target: Target: DNA/RNA Synthesis<sup>[1]</sup>

**In Vitro:**

Exposure to certain concentrations of the entirely different promoters phenobarbital and the calcium and sodium salts of saccharin (22, 23, 25, 29, 38) stimulates calcium-deprived T51B cells to initiate DNA synthesis as rapidly and as effectively, or nearly as effectively, as raising the extracellular calcium concentration to 1.25 mM<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!