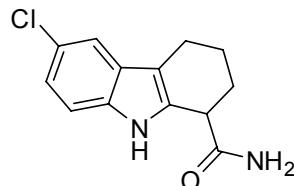


**6-Chloro-2,3,4,9-tetrahydro-1*H*-carbazole-1-carboxamide (racemic) - a selective inhibitor of the deacetylase SIRT1**



Chemical Formula: C<sub>13</sub>H<sub>13</sub>ClN<sub>2</sub>O

Molecular Weight: 248.71

Ref. 1: Napper et al. **Discovery of Indoles as Potent and Selective Inhibitors of the Deacetylase SIRT1.** *Journal of Medicinal Chemistry* (2005), 48, 8045-8054  
The most potent compounds described in this paper inhibit SIRT1 with IC<sub>50</sub> values of 60-100 nM, representing a 500-fold improvement over previously reported SIRT inhibitors.

Ref. 2: Nayagam et al. **SIRT1 Modulating Compounds From High-Throughput Screening as Anti-Inflammatory and Insulin-Sensitizing Agents.** *Journal of Biomolecular Screening* (2006), 11, 959-967

OTAVA catalog no.	CAS RN	Amount	Delivery time	Purity
7020402314	49843-98-3	1 mg 5 mg 25 mg 1 gram 5 grams	In-stock In-stock In-stock In-stock In-stock	≥ 95% by HPLC, <sup>13</sup> C NMR & <sup>1</sup> H NMR