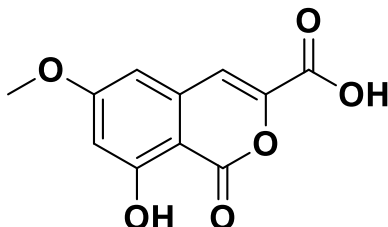


## PRODUCT DATA SHEET

### MC-1

(Angiogenesis inhibitor)



### Synonym

6-methoxy-8-hydroxyisocoumarin-3-carboxylic acid

### Specifications

Code No.	: 16479
CAS#	: 39051-96-2
Molecular Formula	: C <sub>11</sub> H <sub>8</sub> O <sub>6</sub>
Molecular Weight	: 236.179
Source	: Chemically synthesized
Supplied as	: Powder
Purity	: >98 % (HPLC)
Long Term Storage	: at -20 °C
Solubility	: Soluble in MeOH, DMSO

The chemical structure was confirmed by NMR and HRMS.

### Application Notes

MC-1 is one of the stable metabolites of cytogenin in mice.<sup>1)</sup> It had moderate anti-angiogenic (at 20 mg/kg) and anti-arthritic activity (at 100 mg/kg).<sup>1)</sup>

### References

1) Synthesis and biological evaluation of cytogenin derivatives. Matsumoto N, *et al. J Antibiot.* 2001 **54**(3) 285-296.