

P50 A Cyclitol Derivative as a Replication Inhibitor
from the Marine Sponge *Petrosia* sp.

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The marine sponge *Petrosia* sp. is known for various bioactive compounds including the recently reported polyacetylenic alcohols. In our continuous survey of bioactive compounds from the *Petrosia* sp. collected from Korean waters, a cyclopentanepentol which rarely occurs in natural products has been isolated. It was found to inhibit DNA replication at the initiation step.

