

Solandelactone G: A Novel Inhibitor of  
Farnesyl Protein Transferase(FPTase), Isolated  
from the Hydroid *Solanderia secunda*

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Farnesyl Protein Transferase(FPTase) catalyses a post-translational modification of Ras that is obligatory for the cell transforming activity of this oncogene protein. The screening of natural products to identify inhibitors of this enzyme as a potential anticancer agents, has led to the isolation of a novel lactone, from the hydroid *Solanderia secunda*.

Solandelactone G has been isolated from the hydroid *Solanderia secunda* collected along the offshore of Jaejudo and Keomunde. The structure of the compound has been determined as cyclopropane containing C<sub>22</sub> fatty acid lactone on the basis of the combined spectral and chemical methods