

Secondary Metabolites from a *Streptomyces* Strain Isolated from Livingston Island, Antarctica

Veneta Ivanova^{a,*}, Monica Oriol^b, Maria-Jesus Montes^b, Angela García^b
and Jesus Guinea^b

^a Institute of Microbiology, Bulgarian Academy of Sciences, "Acad. G.Bonchev-Str.",
Bl.26, 1113 Sofia, Bulgaria

^b University of Barcelona, Faculty of Pharmacy, Department of Microbiology,
c/Juan XXIII s/n, 08028 Barcelona, Spain

* Author for correspondence and reprint requests

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Streptomyces sp. 1010, Secondary Metabolites

The producing strain *Streptomyces* sp. 1010 was isolated from a shallow sea sediment from the region of Livingston Island, Antarctica. From the culture broth of this strain naturally active secondary metabolites were isolated identical to phthalic acid diethyl ester ($C_{12}H_{14}O_4$, MW. 222); 1, 3-bis (3-phenoxyphenoxy)benzene ($C_{30}H_{22}O_4$, MW.446); hexanedioic acid dioctyl ester ($C_{22}H_{42}O_4$, MW.370) and the new substance 2-amino- 9, 13 -dimethyl heptadecanoic acid ($C_{19}H_{39}NO_2$, MW.313). These compounds represent diverse classes of chemical structures and provide evidence for the untapped biosynthetic potential of marine bacteria from Antarctica.