



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

2,6-disubstituted 4-amino-pyrimidines and 4-amino-triazines as treatments for processes driven by RhoJ/Cdc42 signaling, including melanoma, other cancers, retinal disorders, and cardiomyopathies.

INVENTORS

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DESCRIPTION

The present disclosure relates to 2-heterocycloalkyl-6-aryl-4-aminopyrimidine and 2-heterocycloalkyl-6-aryl-4-aminotriazine derivatives. The invention also relates to the use of said compounds, alone or in combination with other current anticancer drugs, in the treatment melanoma and/or growth of tumors in mammals.

In particular, the here disclosed 2,6-disubstituted-4-amino-pyrimidines derivatives are potent inhibitors of RhoJ, and other members of the Cdc42 family, interaction with Pak1

APPLICATIONS

Drug-resistant cancers treatment, melanoma treatment, retinal disorders treatment, cardiomyopathies treatment

KEYWORDS

Anticancer drugs, Rho-J inhibition, 4-amino pyrimidine scaffold, 4-amino triazine scaffold

BIBLIOGRAPHIC DATA

Composti e composizioni per il trattamento di cancro, disordini della retina e cardiomiopatie

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Applicants	Fondazione Istituto Italiano di Tecnologia, The Regents of the University of California
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