

# **Novel method to synthesis of novel Organo Sulphur Compounds using of thioglycolic acid**

zahra alizadeh\*,

**Abstract:** Novel method to synthesis of novel Organo Sulphur Compounds using of thioglycolic acid Zahra Alizade Organo Sulphur Compounds are an important class of heterocycles being in the core fragment of different natural products and biological systems. Some of these compounds have also shown anti-bacterial, anti-inflammatory, anti-diabetic and antioxidant activities. In this research, two facile and improved protocol for the preparation of novel Organo Sulphur Compounds, various synthesized aldehydes and thioglycolic acid were reported.

2,3,4,6,7,8,9,10-octahydroprimido[1,2-a]azepin-1-ium actate ionic liquid ([DBU]OAc) and 2,6,8-trioxo-1H-purine-1,3,7,9(2H,6H,8H)- disulfonic acid Uric disulfonic acid novel solid acid (UDSA) were used in their reactions.

**Keywords :** Keywords: Organo Sulphur Compounds, thioglycolic acid, ionic liquid, solid acid

[Islamic Azad University, Rasht Branch - Thesis Database](#)  
[دانشگاه آزاد اسلامی، واحد رشت - سامانه بانک اطلاعات پایان نامه ها](#)