

عنوان مقاله:

CvFAP-based enzyme application in photobiocatalytic decarboxylation reactions

محل انتشار:

هفدهمین کنفرانس ملی پژوهش های نوین در علوم و مهندسی شیمی (سال: 1401)

تعداد صفحات اصل مقاله: 9

نویسندگان:

Seyed Ata Boraghi - Department of Chemistry, Payame Noor University, P.O.BOX: ۱۹۳۹۵-۳۶۹۷, Tehran, Iran

Aazam Monfared - Department of Chemistry, Payame Noor University, P.O.BOX: ۱۹۳۹۵-۳۶۹۷, Tehran, Iran

خلاصه مقاله:

Photobiocatalysis has recently grabbed scientists' attention since it is potency catalysis inorganic synthesis that can reduce the number of steps required for chemical reactions while simultaneously acting in a selective manner. Recent studies on the CvFAP enzyme and its engineered mutations were studied for their roles in decarboxylation processes in this paper.

کلمات کلیدی:

Decarboxylation, deuteration, photodecarboxylase, photoenzyme, enantioselective

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1566482>

