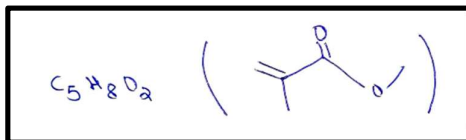


Nature of Invention: Methyl methacrylate by following modified ACH method.

**Applicant:** PetroProtons Pvt. Ltd.

**Inventors:** Ajitesh Shree, Ruchit Rungta, Banothu Nikhil.

**Chemical Formula:**



**Chemical Name:** Methyl methacrylate (IUPAC: methyl 2-methylpropenoate)

**Chemical synthesis routes:**

**Method:**

[https://drive.google.com/file/d/1C5wQWCI1VOG9ORhrG5oRKVbsw7FrwE-/view?usp=share\\_link](https://drive.google.com/file/d/1C5wQWCI1VOG9ORhrG5oRKVbsw7FrwE-/view?usp=share_link)

**Chemicals needed:** Hydrogen Cyanide, Acetone, Alkali/Amine, Magnesium oxide, Methanol, Titanium tetraisopropoxide, Phosphoric acid.



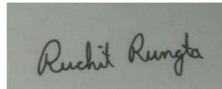
**References:**

<https://patentimages.storage.googleapis.com/c9/bc/73/e78227ecb93a06/EP0941984A2.pdf>

**List the contributions of each author:**

- Author 1 and 2 discussed and wrote the reaction steps and procedure criteria for the patent.
- Author 3 found the patent among several patents to use for the best yield of product.

**Sign the pdf and upload.**

<u>Name</u>	<u>Roll No</u>	<u>Signature</u>
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