

Re: methlymalonic acid reaction with Na OH

Source: <http://sci.tech-archive.net/Archive/sci.chem/2005-11/msg00408.html>

- *From:* Bob <bbx107@xxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 29 Nov 2005 17:56:53 -0800
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On Tue, 29 Nov 2005 20:14:33 +0000 (UTC), "Panther" <black@xxxxxxx> wrote:

> hi,
>
> i have tried this problem for a while but i cannot get it
>
> i think the formula for methylmalonic acid is this:
> (CH₃)₂C(CO₂H)₂
>
> if i react with it sodium hydroxide (NaOH) what will the products be?
>
> please help :| i know H₂O is in there, and i swear i have tried. i know it
> loses a H from this: (CH₃)₂ C (COOH)₂
>
> and i think the ans is this:
>
> (CH₃)₂ C (COOH) (COO⁻)Na⁺
>
> but it's diprotic so how come it only loses 1 H?

So remove the second one.

(It would depend on how much NaOH you add.)

bob

• *References:*

- ◆ [methlymalonic acid reaction with Na OH](#)
◇ *From:* Panther
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